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ABSTRACT

This quarterly publication announces the availability of documents acquired and processed by the Educational Resources Information Center (ERIC) Clearinghouse on Vocational and Technical Education. It contains abstracts of research and other materials which are useful to researchers, supervisors, teacher educators, education specialists, administrators, teachers, and others who have an interest in vocational and technical education. The abstracts are organized by topical groupings: (1) Administration and Supervision, (2) Curriculum, (3) Employment and Occupations, (4) Evaluation and Measurements, (5) Facilities and Equipment, (6) Individuals with Special Needs, (7) Philosophy and Objectives, (8) Research Design, Development and Utilization, (9) Students, Occupational Guidance and Other Student Personnel Services, (10) Teachers and Teacher Education, (11) Teaching and Learning, and (12) Other Resources. Indexes provide the approach to the abstracts by (1) personal and institutional authors, (2) document accession number with a table showing ED numbers for documents available through the ERIC Document Reproduction Service, (3) vocational and supporting services, and (4) subjects. Documents which do not have an individual ED number are available in a separate microfiche set from the ERIC Document Reproduction Service (VT 011 733). (CD)

EDO 42036

227 p

ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION

SUMMER 1970

ERIC
CLEARINGHOUSE ON
VOCATIONAL AND
TECHNICAL EDUCATION

VT011509

The Center for Vocational and Technical Education has been established as an independent unit on The Ohio State University campus with a grant from the Division of Comprehensive and Vocational Education Research, U. S. Office of Education. It serves a catalytic role in establishing consortia to focus on relevant problems in vocational and technical education. The Center is comprehensive in its commitment and responsibility, multidisciplinary in its approach, and interinstitutional in its program.

The major objectives of The Center follow:

1. To provide continuing reappraisal of the role and function of vocational and technical education in our democratic society;

2. To stimulate and strengthen state, regional, and national programs of applied research and development directed toward the solution of pressing problems in vocational and technical education;

3. To encourage the development of research to improve vocational and technical education in institutions of higher education and other appropriate settings;

4. To conduct research studies directed toward the development of new knowledge and new applications of existing knowledge in vocational and technical education;

5. To upgrade vocational education leadership (state supervisors, teacher educators, research specialists, and others) through an advanced study and inservice education program;

6. TO PROVIDE A NATIONAL INFORMATION RETRIEVAL, STORAGE, AND DISSEMINATION SYSTEM FOR VOCATIONAL AND TECHNICAL EDUCATION LINKED WITH THE EDUCATIONAL RESOURCES INFORMATION CENTER LOCATED IN THE U. S. OFFICE OF EDUCATION.

ED042036

Abstracts of Research and Related Materials in Vocational and Technical Education

Summer 1970

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ERIC Clearinghouse on Vocational and Technical Education
The Center for Vocational and Technical Education
The Ohio State University
1900 Kenny Road, Columbus, Ohio 43210

ED 050028

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Document Analysts

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Abstracts of Research and Related Materials in Vocational and Technical Education is a quarterly publication (Fall, Winter, Spring, Summer) published by the ERIC Clearinghouse on Vocational and Technical Education. Subscription is $9.00 per year. Send order to ERIC Clearinghouse, The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210. Contents of this publication may be reprinted freely without requesting permission, providing appropriate credit is given to the Clearinghouse.

PREFACE

Abstracts of Research and Related Materials in Vocational and Technical Education (ARM) and the companion publication Abstracts of Instructional Materials in Vocational and Technical Education (AIM) announce the availability of documents acquired and processed by the ERIC Clearinghouse on Vocational and Technical Education. ARM incorporates abstracts of research and other materials which are useful to a wide audience of users such as researchers, supervisors, teacher educators, education specialists, administrators, teachers and others who have an interest in vocational and technical education. AIM includes abstracts of materials typically designed for teacher use or student use in the classroom, and annotations of bibliographies or lists of instructional materials. These publications prepared by the ERIC Clearinghouse on Vocational and Technical Education are published quarterly beginning with Fall 1967 issues.

The ERIC Clearinghouse on Vocational and Technical Education is a division of the Center for Research and Leadership Development in Vocational and Technical Education located at The Ohio State University and is one of the clearinghouses of the Educational Resources Information Center (ERIC-USOE). With the growth of vocational and technical education programs, there is an increasing need for accessible information that can be used in developing logical chains of reasoning for research activities, for improving school practices and for shortening the theory-practice gap. This Clearinghouse is striving to provide a useful and vital function in dissemination of information on vocational and technical education. ARM and AIM give visibility to a document-based information system which constitutes an on-going data bank of research and resource materials in vocational and technical education. Following are some of the benefits derived from this data base:

* A central source of information to be reviewed and synthesized into state-of-the-art papers, critical reviews, interpretive papers, etc.

* A resource which includes different kinds of materials, e.g., instructional materials, descriptive reports, survey reports, dissertations, conference proceedings, program plans or procedures, research reports.

* Provision for availability of primary source materials through the ERIC Document Reproduction Service (EDRS) and/or other distribution agencies.

* A source of bibliographies and a resource for development of bibliographies.

* A source of materials for different user groups (i.e., administrators, supervisors, teacher educators, teachers, legislative and advisory bodies) with information needs in such diverse areas as teaching and learning, manpower needs and requirements, research design and methodology, evaluation.

Since this Clearinghouse is a component of a larger information system, ERIC, it is logical that certain similarities among publications exist. In this regard the format of ARM and AIM is similar to that of Research in Education (RIE)[1], the primary publication of the Educational Resources Information Center (ERIC). RIE includes abstracts from all ERIC Clearinghouses. The abstracts of materials reported in ARM relate specifically to the educational field of vocational and technical education and constitute a segment of ERIC, the national information system for American education.

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[1] Research in Education is published 12 times a year. The first issue was no. 1, November 1966. Subscription: Domestic $21.00 a year; foreign $5.25 additional. Single copy: Domestic, $1.75. Send check or money order (no stamps) to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

In addition to the two quarterly publications, Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), and Abstracts of Instructional Materials in Vocational and Technical Education (AIM), other publications will be issued from time to time. These will typically concern themselves with reviewing and synthesizing information in specific areas of vocational and technical education, e.g., Review and Synthesis of Research in Technical Education; Agricultural Education; Home Economics, etc., and with reviewing and synthesizing information related to topical areas such as the economics of vocational and technical education.

We are indebted to our colleagues within the profession for their cooperation in forwarding materials to the clearinghouse and for their suggestions and comments which have materially assisted in the development of this program. We anticipate further refinement and improved procedures with the continued assistance of our advisory committee.

Robert E. Taylor
Director

INTRODUCTION

Organization of ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION

Abstracts of Research and Related Materials in Vocational and Technical Education has two basic formats -- resumes and indexes -- to serve the browser and those seeking specific information. The resumes are organized according to several topical groupings in the first section of the document. Under each grouping, the resumes are arranged by Vocational Technical (VT) number which is an identification number assigned to reports as they are processed. Resumes contain an abstract which indicates the contents of a document in two hundred words or less. Additional components of a resume are explained in a diagram on page ix.

Several indexes are located after the resume section to provide specific approaches to documents reported in the resume section. These indexes are:

Subject and Identifier Index
Personal and Institutional Author Index
Vocational and Supporting Services Index
Document Number Index
Conversion of Document Number Index (VT to ED or MP, ED or MP to VT)

All of the indexes refer to page numbers in this publication to enable the reader to quickly locate any resume of interest.

Availability of ARM

ARM is published quarterly (Fall, Winter, Spring, Summer). The first issue began Fall 1967. At this time the four issues for the period Fall 1967 - Summer 1968 and the AIM-ARM Annual Index, 1967-68 are available only on microfiche or facsimile copy. Annual subscriptions are available beginning with Fall 1968. Microfiche or facsimile for all previous issues may be ordered from ERIC Document Reproduction Service (EDRS), The National Cash Register Company, 4936 Fairmont Avenue, Bethesda, Maryland 20014. Please write to EDRS for order forms.

ED 013 336	Fall 1967 ARM	MF - $1.00	or	HC - $10.60
ED 015 335	Winter 1967 ARM	MF - $ .75	or	HC - $ 9.10
ED 016 875	Spring 1968 ARM	MF - $ .75	or	HC - $ 9.10
ED 019 525	Summer 1968 ARM	MF - $1.25	or	HC - $14.15
ED 022 064	AIM-ARM Annual Index, 1967-68	MF - $ .50	or	HC - $ 6.30
ED 022 970	Fall 1968 ARM	MF - $1.25	or	HC - $14.10
ED 027 437	Winter 1968 ARM	MF - $1.00	or	HC - $10.65
ED 030 000	Spring 1969 ARM	MF - $1.00	or	HC - $10.40
ED 031 586	Summer 1969 ARM	MF - $1.00	or	HC - $10.45
ED 036 652	AIM-ARM Annual Index 1968-69	MF - $ .50	or	HC - $ 5.80
ED 033 247	Fall 1969 ARM	MF - $1.00	or	HC - $10.40
ED 036 654	Winter 1969 ARM	MF - $1.00	or	HC - $13.30
ED(See Sep. '70 RIE)	Spring 1970 ARM	MF - $1.25	or	HC - $16.20

Subscriptions for hard copy may be initiated with the Fall 1968 issue, or subsequent issues. Send order indicating quarter and year that subscription is to begin to:

AIM-ARM
ERIC Clearinghouse
The Center for Vocational and Technical Education
1900 Kenny Road
Columbus, Ohio 43210

Availability of Materials Reported in ARM

A basic concept of the ERIC system is to make known the availability of the full text of materials abstracted. Most of the materials processed into the ERIC system with an ERIC Document (ED) number will be available from the ERIC Document Reproduction Service (EDRS) in the form of microfiche or facsimile copy. There is an EDRS availability line with each abstract which indicates if a document may be obtained from EDRS. If a document is not available from EDRS, the agency and address from which the document may be obtained is in the resume. Microfiche or facsimile copy must be ordered by ED (ERIC Document) number since EDRS is not set up to respond to requests for materials by subject, author, or title. AIM and ARM indexes can be used to determine ED numbers which relate to problem areas. Always check the most current issue of RIE for the latest price schedules and ordering procedure for microfiche (MF) and facsimile copy, called hard copy (HC).

Materials with ED numbers are announced in Research in Education (RIE) as well as AIM or ARM. These are available as individual documents through EDRS or another source. Documents with VT numbers only are not announced in RIE but are included in AIM and ARM. They are not available as individual documents from EDRS but as part of a VT-ERIC set. Microfiche for an individual document in one of these sets is obtainable only through purchase of the set or from agencies that have this set and have the capability of reproducing microfiche. Reports in these sets are identified in a resume by the phrase MF AVAILABLE IN VT-ERIC SET. The documents are grouped in VT number sequence in the microfiche set for each issue of AIM or ARM. Each set is announced in RIE under a single (ED) number. The Fall 1967 - Summer 1968 Microfiche Collections contain documents with VT numbers only and ED documents. Beginning with Fall 1968, the microfiche set contains the documents which have only VT numbers. Thus the microfiche collection for a particular issue of ARM now contains the items in that issue of ARM which have the statement, MF AVAILABLE IN VT-ERIC SET, in the resume. These sets may be ordered from EDRS. Information to be used in ordering the sets for ARM follows:

ARM Microfiche Collections

ARM	ED Number	Microfiche
Fall 1967	ED 013 338	$25.00
Winter 1967	ED 015 348	$26.25
Spring 1968	ED 016 876	$38.00
Summer 1968	ED 019 526	$72.75
Fall 1968	ED 022 065	$ 5.75
Winter 1968	ED 027 441	$34.25
Spring 1969	ED 030 001	$25.00
Summer 1969	ED 031 587	$26.75
Fall 1969	ED 033 237	$ 8.50
Winter 1969	ED 036 657	$31.75
Spring 1970	ED(See Sep. '70 RIE)	$68.75

It should be noted that organizations which have standing orders with EDRS for the total microfiche collections in RIE will automatically receive the ARM and AIM microfiche collections. If an organization wishes to order only the materials abstracted by VT-ERIC which are announced in RIE and are on microfiche, a standing order may be initiated with EDRS for a VT-ERIC package. This package will automatically include the ARM and AIM microfiche collections. Contact EDRS for information about cost of current or retrospective VT-ERIC packages.

Availability Key for Materials Reported in ARM

Accession Number	Availability on Microfiche
ED number supplied	ERIC Document Reproduction Service (EDRS) provided that the information is shown on EDRS price line.
ED appears with reference to an RIE issue, e.g., ED(See Aug. '69 RIE)	If a price is given for microfiche, the fiche is unavailable from EDRS (at time of printing) until an ED number is assigned and published in RIE. The issue of RIE in which the abstract is scheduled to appear follows the ED prefix. After assignment of numbers has been made by Central ERIC, the Conversion of Document Number Index in each succeeding issue of ARM will include numbers for documents listed with an ED and RIE date in the previous issue.
VT number only supplied	Available on microfiche in VT-ERIC set from EDRS as indicated.
Items not available through EDRS or in a VT-ERIC set will usually have a source of availability cited on the availability line in the resume.	

ERIC Document Reproduction Service (EDRS)

The ERIC Document Reproduction Service (EDRS) is operated by The National Cash Register Company. Request order forms from:

EDRS
The National Cash Register Company
4936 Fairmont Avenue
Bethesda, Maryland 20014

Prices for microfiche and/or hard copy undergo occasional changes which become effective when announced in Research in Education. EDRS prices cited in AIM and ARM reflect the prices in effect at the time of publication. Retrospective use of AIM and ARM require attention to the most recent price schedules and ordering information which is available in a current issue of RIE.

Scope of the Clearinghouse

The Clearinghouse on Vocational and Technical Education is responsible for acquiring, processing, and disseminating through the ERIC system, research reports, instructional materials, information analysis products and other resource materials related to vocational and technical education. In addition to this general area, coverage includes the specific occupational fields of agricultural education, business and office occupations

education, distributive education, health occupations education, home economics education, technical education, trade and industrial education, and new sub-professional fields. The clearinghouse scope also encompasses the related fields of industrial arts education, manpower economics, occupational psychology, and occupational sociology. The following subject categories when specifically oriented to vocational-technical education and its related fields are included in the scope of the clearinghouse: administration and supervision, curriculum, employment and occupations, evaluation and measurements, facilities and equipment, historical studies, individuals with special needs, instructional materials and devices, philosophy and objectives, research design and development, occupational guidance and other student personnel services, students, teachers, teacher education, teaching and learning.

Acquisitions

The adequacy of information in this publication, as well as other services of this Clearinghouse, is directly related to the extensiveness of the information acquired and processed into the system. This Clearinghouse has assumed the initiative in obtaining as much of the available information as possible. However, it is impossible for any organization to achieve complete and comprehensive coverage of a field as vast as vocational education without the cooperation and assistance of the profession. The growth and ultimate effectiveness of the system require supplemental efforts of its users. Any person in the vocational or technical field is invited to forward to the Clearinghouse two copies of items relating to vocational-technical education for possible inclusion in the system. Questions relating to this endeavor should be directed to the Acquisitions Specialist at the Clearinghouse.

Abbreviations

AIM	Abstracts of Instructional Materials in Vocational and Technical Education
ARM	Abstracts of Research and Related Materials in Vocational and Technical Education
ED	ERIC Document
EDRS	ERIC Document Reproduction Service
ERIC	Educational Resources Information Center
HC	Hard copy
MF	Microfiche
RIE	Research in Education
VT	Vocational-Technical

SAMPLE RESUME

Accession Number--an identification number sequentially assigned to reports as they are processed.

Author(s)--the individual(s) who prepared the report.

EDRS Price--price of the document through the ERIC Document Reproduction Service. "MF" means microfiche; "HC" means hardcopy.

Report Number would appear here.

If item cited appeared originally in a journal, a journal citation would appear here.

Publication Date.

Total number of printed pages in the report, including cover and appendices.

Identifiers would appear here. These are acronyms, geographical areas, conferences, organizations, tests (e.g. Binet), etc. Only the major identifiers preceded by an asterisk are printed in the index.

Abstract--a condensation of the report in about 200 words. When applicable, it includes the purpose, procedure, results, and conclusions of the research activity.

VT 004 376 ED 020 326

Asbell, Bernard

New Directions in Vocational Education, Case Studies in Change.

Office of Education (DHEW), Washington, D.C. Bureau of Research

EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS.

OEC-1-6-004-32-0432

OE-80047

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS5.280:80047, $.30).

Pub Date - 67 61p.

*CASE STUDIES (EDUCATION); ADOPTION (IDEAS); *EDUCATIONAL CHANGE; TECHNICAL EDUCATION; *VOCATIONAL EDUCATION; AREA VOCATIONAL SCHOOLS; SLOW LEARNERS; PARAMEDICAL OCCUPATIONS; OCCUPATIONAL CLUSTERS; POST SECONDARY EDUCATION; EDUCATIONAL INNOVATION

SAN FRANCISCO; CALIFORNIA; *RICHMOND PRETECHNICAL PROGRAM; OHIO; GEORGIA; PHOENIX; ARIZONA; QUINCY; MASSACHUSETTS

In recent efforts of the U.S. Office of Education to bridge the gap between development and adaptation of educational practice, visibility has been given to communities which have introduced new curriculums, teaching methods, and institutional patterns. Five locally initiated programs which have attempted to provide a flexibility of the educational system.....,.....
.....and education leaders at state and local levels. Quincy, Massachusetts, is an example of a city in which vocational education has shifted from training for a single skill to preparing individuals for a cluster of occupational skills. (JM)

If ED is followed by numbers, item has been announced in Research in Education. If ED is not followed by numbers, the issue of RIE in which the abstract is scheduled to appear follows the ED prefix.

Title of report.

Institutional Source--the organization responsible for the report.

Sponsoring Agency--would appear here if different than Institutional Source.

Grant Number and Program Area Number would appear on this line.

Commercial, institutional, and other sources of availability if known at time of printing. Cost is included.

Descriptors--the subject terms assigned by an indexer to characterize the contents of a report. Only the major terms, those preceded by an asterisk, are printed in the index.

Abstractor's Initials.

Availability Key for Materials Reported in ARM

Accession Number:	Availability on Microfiche
ED number supplied	ERIC Document Reproduction Service (EDRS) provided the information is shown on EDRS price line.
ED appears with reference to an RIE issue (e.g., ED (See Aug. '69 RIE)	If a price is given for microfiche, the fiche is unavailable from EDRS (at time of printing) until an ED number is assigned and published in RIE. The issue of RIE in which the abstract is scheduled to appear follows the ED prefix. After assignment of numbers has been made by Central ERIC, the Conversion of Document Number Index in each succeeding issue of ARM will include numbers for documents listed with an ED and RIE date in the previous issue.
VT number only supplied	Available on microfiche in VT-ERIC set from EDRS as indicated.
Items not available through EDRS or in a VT-ERIC set will usually have a source of availability cited on the availability line in the resume.	

ERRATA

1. VT 001 343, appearing on page 488 of ARM Spring 1970, was inadvertently omitted from the indexes, and is being rerun in this issue.

2. VT 006 937, appearing on page 500 of ARM Spring 1970, should include the following MP number: MP 000 595.

3. VT 008 461, appearing on page 471 of ARM Spring 1970, should include the following ED number: ED 033 564.

4. VT 007 872, appearing on page 738 of ARM Spring 1970 and on page 944 of this issue as ED 020 390, should be listed as VT 004 872.

TABLE OF CONTENTS

Page

PREFACE iii

INTRODUCTION v

ABSTRACTS 745

ADMINISTRATION AND SUPERVISION SECTION 745
Guides, standards, conference proceedings, program descriptions, and research reports concerning educational program planning, program development, program administration, advisory committees, and experimental, pilot, and demonstration projects.

CURRICULUM SECTION 761
Workshop reports, conference proceedings, research reports, speeches, and papers concerning curriculum research and development.

EMPLOYMENT AND OCCUPATIONS SECTION 765
Bibliographies, descriptive reports, occupational survey reports, conference reports, and research studies concerning manpower needs, development, and utilization; employment qualifications, patterns, projections, opportunities, and trends; labor force and labor market; educational needs and opportunities; labor economics; and employment statistics supporting needed vocational education programs for specific occupational categories.

EVALUATION AND MEASUREMENTS SECTION 783
Research reports, conference proceedings, follow-up studies, and instruments concerning the evaluation and measurement of students and programs. See other sections for other kinds of evaluation, e.g. Teachers and Teacher Education Section for teacher evaluation.

FACILITIES AND EQUIPMENT SECTION 789
Standards, plans, procedure guidelines, specifications descriptions, and research reports concerning facilities and equipment.

INDIVIDUALS WITH SPECIAL NEEDS SECTION 791
Research, descriptive, and conference reports concerning individual characteristics, educational needs, and programs for physically handicapped, emotionally disturbed, and socially, culturally, economically, and educationally disadvantaged groups.

PHILOSOPHY AND OBJECTIVES SECTION 803
Reports, papers, speeches, and other documents concerning educational philosophies, roles, and objectives for vocational and technical education programs and related fields, e.g. industrial arts education.

RESEARCH DESIGN, DEVELOPMENT AND UTILIZATION SECTION 807
Descriptions, bibliographies, conference proceedings and other publications concerning research efforts and needs, research coordinating unit activities, educational change, research design, research methodology, research utilization, and abstracts of research reports.

STUDENTS, OCCUPATIONAL GUIDANCE AND OTHER STUDENT PERSONNEL SERVICES SECTION 819
Program descriptions, program guides, research reports and other documents concerning vocational counseling, occupational guidance, occupational choice, occupational and educational aspiration, career and employment opportunities, career planning, occupational information, student characteristics, and student organizations.

TEACHERS AND TEACHER EDUCATION SECTION 825
Program descriptions, conference proceedings, and research reports concerning teacher education, teacher characteristics, teacher employment, and teacher evaluation.

TEACHING AND LEARNING SECTION 831
Research reports, conference proceedings and other documents concerning teaching methods and the learning process.

OTHER RESOURCES SECTION 835
Bibliographies, directories, and other information sources concerning materials not focused on substantive problems found in other categories.

INDEXES 838

SUBJECT INDEX 839

AUTHOR INDEX 892

VOCATIONAL AND SUPPORTING SERVICES INDEX 917

DOCUMENT NUMBER INDEX 927

CONVERSION OF DOCUMENT NUMBER INDEX 939

ADMINISTRATION AND SUPERVISION SECTION

VT 001 624
Vocational-Technical Education in Washington.

Washington State Board for Vocational Education, Olympia
MF AVAILABLE IN VT-ERIC SET.
Pub Date - May64 57p.

*VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; STUDENT ENROLLMENT; ENROLLMENT TRENDS; HIGH SCHOOLS; POST SECONDARY EDUCATION; *PROGRAM DESCRIPTIONS; *STATE PROGRAMS; EDUCATIONAL NEEDS; PROGRAM DEVELOPMENT; ADULT VOCATIONAL EDUCATION; POPULATION TRENDS; LABOR FORCE; DROPOUTS; UNEMPLOYMENT
WASHINGTON

This report was published in answer to many requests for information about the total field of vocational education in the state. Contents include: (1) a definition and description of each of the service areas of vocational-technical education, (2) enrollment in vocational-technical education from 1920 to 1963, (3) the need for, and details of, vocational-technical education at all levels, and (4) general statistical information on the labor force, population trends, unemployment, dropouts, and education. The State presently has vocational education in most of the high schools, in seven vocational-technical institutes or schools, and in 15 community colleges. The total enrollment in all of these schools, day or evening, is more than 140,000 individuals per year, or five percent of Washinton's total population. (PS)

VT 001 669
Eason, Fred J.; Porter, G. Herman
A Guide for the Establishment of Comprehensive Community Colleges in North Carolina.

North Carolina State Board of Education, Raleigh. Dept. of Community Colleges
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 1Jul63 52p.

*COMMUNITY COLLEGES; *EDUCATIONAL PLANNING; *COMMUNITY STUDY; *GUIDELINES; QUESTIONNAIRES; CURRICULUM; AUTO MECHANICS; ENGINEERING DRAWING
NORTH CAROLINA

The purpose of this bulletin is to help the people of a community make a survey of the need for a comprehensive community college in their area. The bulletin, arranged in question and answer form, supplies information about the origin, nature, purpose, and structure of such an institution, and is designed: (1) to aid local communities in determining whether conditions in the area are such that application for the establishment of a community college is feasible, (2) to guide them in their applications and to provide structure to their preliminary surveys (for this purpose a survey form is included), (3) to provide a step-by-step procedure to be followed, from the preliminary application to the granting of the charter, and (4) to suggest some representative types of programs to be offered. A sample one-year curriculum in automobile mechanics and a two-year curriculum in mechanical drawing and design, with course hours per week and quarter hours credit, are shown. (PS)

VT 002 214
Report of the Annual Conference on Industrial Education (29th, Sacramento, California, March 14-16, 1967).

California State Dept. of Education, Sacramento
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 82p.

*CONFERENCE REPORTS; *INDUSTRIAL EDUCATION; *VOCATIONAL EDUCATION; AREA VOCATIONAL SCHOOLS; PROGRAM DESCRIPTIONS; PROGRAM IMPROVEMENT
*ANNUAL CONFERENCE ON INDUSTRIAL EDUCATION, SACRAMENTO, CALIFORNIA, MARCH 14-16, 1967

The theme of this conference, attended by 280 teachers and administrators, was "Industrial Education--the Bridge Between Man and His Work." Presentations included: (1) "Progress, Achievement, and Assessment--An Analysis of California's Program of Industrial Education," by Richard S. Nelson, (2) "Needed in Vocational Education: A Substantial Heresy," by Wallace T. Homitz, (3) "Advisory Council on Vocational Education," by Melvin L. Barlow, (4) "The Changing Scene in Vocational Education," by Wesley P. Smith, and (5) an address by Grant Venn with the theme as its title. Group and panel presentations included: (1) Counseling and Guidance, (2) Programs in the High Schools, (3) Articulation with Other Subject Areas, (4) Articulation--K through 14, (5) Programs Within Industrial Education for Persons with Special Needs, (6) Adult and Continuing Education, (7) Teacher Education, (8) Evaluation and Follow-Up, (9) Advisory Committees, and (10) Programs in the Junior College. One session was devoted to "What's New" in several service fields and programs. (EM)

VT 002 216
Treptow, Freda W., Comp., And Others
Statistical Information on the Registration and Education of Professional and Practical Nurses.

Illinois State Dept. of Registration and Education, Springfield
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 13p.

*STATISTICAL DATA; *NURSING; *CERTIFICATION; ADMISSION (SCHOOL); *ENROLLMENT; GRADUATION; FOREIGN STUDENTS; NURSES; PRACTICAL NURSES; FACULTY; *EDUCATIONAL PROGRAMS
*ILLINOIS STATE DEPARTMENT OF REGISTRATION AND EDUCATION

In 1967 enrollment figures in nursing programs in Illinois were 117 for the four institutions offering master's programs, 1,521 for the nine baccalaureate programs, 5,760 for the 55 diploma programs, 721 for the 11 associate degree programs, and 2,994 for the 33 practical nursing programs. Associate degree nursing programs took the lead over other types for increase in enrollments, admissions, and graduations. Faculty in baccalaureate programs included 12 with doctoral degrees, 129 with master's degrees, and nine with baccalaureate degrees. Faculty in diploma programs included one with a doctoral degree, 143 with master's degrees, 433 with baccalaureate degrees, and 191 with no degrees. Faculty in associate degree programs included 45 with master's degrees and 7 with baccalaureate degrees. The report also presents information about exchange visitor programs and registered and practical nurse licensure. (JK)

VT 002 428
1967--Year of Decision (5th Annual Report).

National Council for Homemaker Services, Inc., New York, N.Y.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 12p.

*OCCUPATIONAL HOME ECONOMICS; HEALTH OCCUPATIONS; VISITING HOMEMAKERS; COMPANIONS (OCCUPATION); PUBLIC RELATIONS; *PROFESSIONAL ASSOCIATIONS; *PROGRAM DESCRIPTIONS; *ANNUAL REPORTS; COMMUNITY SERVICES; *NATIONAL ORGANIZATIONS
*NATIONAL COUNCIL FOR HOMEMAKER SERVICES, INC.; NEW YORK, N.Y.

This bulletin describes the activities of the National Council for Homemaker Service during 1967. Some 400 volunteers and professional workers in the field of homemaker-home health aide service came from 34 states Canada, and Puerto Rico to attend the first National Council of Homemaking Service Forum held in May. In the plenary sessions and workshops major attention was focused on the impact of Medicare and Medicaid, the health insurance programs created by the Federal legislation in 1965. Two high priority needs in the field were met by the council's publication in the late summer of the "Directory of Homemaker-Home Health Aide Services, 1966 to 1967" and in the fall of "Homemaker-Home Health Aides-Training Manual" designed to aid those responsible for training homemaker home health aides. Work began in the summer on preparation of a teacher's resource book and a comprehensive reference book. The organizational structure was revamped, new criteria for membership and a new scale of dues was developed. Throughout the year, the council received growing numbers of requests for direct help from serving agencies service and community groups planning to establish the service which was provided through correspondence, conferences, and personal visits. A publicity kit, a newsletter, NEWS, and the homemaker home health aide bulletin published cooperatively with the American Medical Association promoted public relations. It is predicted that by 1975 the health industry will be the largest in the United States. Thus, health service agencies must accelerate their effort and productive activity. (FP)

VT 002 440
Montcalm County Vocational-Technical Education Study.

Montcalm County Intermediate School District, Mich.
Michigan Univ., Ann Arbor. Bureau of School Services
Michigan State Dept. of Vocational Education, Lansing
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jan67 119p.

SCHOOL SURVEYS; GRADUATE SURVEYS; *VOCATIONAL EDUCATION; *COMMUNITY SURVEYS; *EDUCATIONAL NEEDS; MANPOWER NEEDS; *EDUCATIONAL PLANNING; SECONDARY EDUCATION; POST SECONDARY EDUCATION; SENIORS; DROPOUT ATTITUDES; STUDENT ATTITUDES
MONTCALM COUNTY; MICHIGAN

To determine the needs for vocational-technical education at the high school and post high school levels in the Montcalm Intermediate School District, data were collected concerning studies of high school drop-outs, educational intentions and occupational aspirations of high school seniors, interests of former high school graduates, and manpower needs as felt by business and industrial executives in the area. Characteristics of the area were examined for implications for educational programs. The report of findings represented the combined efforts of both lay and professional groups. Some of the conclusions were: (1) Vocational-technical facilities should be available to accomodate about 500 youths full-time, (2) Of the 517 seniors whose plans do not include college attendance, 81 percent plan some type of education following high school, (3) Of youth with no plans for college, 52 percent expressed interest in some type of advanced business, technical or trade training if it were available in the area, (4) The high school graduates tend to live in the county or adjacent to it, (5) More than two-thirds of high school graduates indicated they would have or might have taken advantage of a community college in the region, and (6) Responding firms indicated 55 percent strong support of occupational education in the community college, 23 percent for substantial expansion of vocational education in the high schools, and 17 percent for creation of an area vocational school. (MM)

VT 002 493
McIntosh, Robert W.
Recruiting and Training Employees in the Service Industries. Bulletin 484.

Michigan State Univ., East Lansing. Cooperative Extension Service
MF AVAILABLE IN VT-ERIC SET.
Bulletin Office, Michigan State University, Box 231, East Lansing, Michigan 48823.
Pub Date - Jul66 17p.

*SERVICE OCCUPATIONS; *SUPERVISORY TRAINING; *TRAINING TECHNIQUES; *PERSONNEL SELECTION; *EXTENSION EDUCATION; EMPLOYEES; CHECK LISTS; ON THE JOB TRAINING

The purpose of this document is to aid the supervisor in recruiting the proper person and to serve as a guide in training employees in the service industries. Information is provided and discussed in areas of: (1) Job Study and Analysis, (2) Finding Employees, (3) Interviewing the Applicant, (4) Training and Training Methods, (5) Job Instruction Methods, (6) How To Instruct, (7) Dialogue Training, (8) Other Training Methods, (9) Evaluation Sheet, and (10) Job Instruction Training Check List. (MM)

VT 002 495
McIntosh, Robert W.
Employee Motivation and Work Incentives in the Service Industries. Bulletin 483.

Michigan State Univ., East Lansing. Cooperative Extension Service
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jul66 7p.

REWARDS; *MOTIVATION TECHNIQUES; *INCENTIVE SYSTEMS; MANAGEMENT DEVELOPMENT; *SERVICE WORKERS; *SUPERVISORY METHODS; *EMPLOYER EMPLOYEE RELATIONSHIP

The nature and importance of incentive systems for motivating workers in service industries are discussed in this bulletin. An effective incentive system combines several groups of incentives, the most important of which are (1) recognition--both money and other, (2) achievement, (3) social prestige, and (4) self esteem. A discussion of the improvement of the employee-employer relationship through management development is concluded with a series of checkpoints or methods for testing the effectiveness of supervision. The checkpoints include questions such as What is to be done, and how, why, where, when, and by whom? What are your own feelings and attitude toward the receiver? and Did you follow through to see if orders were carried out? (CH)

VT 002 664
Hauser, Francis L.; Wellemeyer, J.F.
Seminar on Problems of Manpower Planning, Development, Utilization, Distribution and Administration (June 3-September 6, 1963).

Agency for International Development, Washington, D.C. CRD-Publications and Technical Services Branch
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 63 141p.

FOREIGN COUNTRIES; *CONFERENCE REPORTS; *HUMAN RESOURCES; *ECONOMIC DEVELOPMENT; MANPOWER DEVELOPMENT; MANPOWER UTILIZATION; LABOR FORCE; SOCIAL CHANGE; *VOCATIONAL EDUCATION; MANPOWER NEEDS; PLANNING; SEMINARS; *DEVELOPING NATIONS
*SEMINAR ON PROBLEMS OF MANPOWER PLANNING, DEVELOPMENT, UTILIZATION, DISTRIBUTION, AND ADMINISTRATION, WASHINGTON, D.C., JUNE 3-SEPTEMBER 6, 1963

This third annual manpower seminar was designed to assist 22 policy level officials from 16 developing countries discuss, analyze, and study the relationship between principles of human resources development and economic planning. Participants attended lectures, exchanged views, and presented research papers. Presentations and papers are summarized to convey the essence, deliberations and atmosphere of cooperation of the seminar. Sections of the report are titled: (1) Problems of Manpower Administration, (2) Problems of Skill Acquisition and Education, (3) Problems of Labor Force Distribution, (4) Rate of Development and Institution Building, and (5) The Human Resources Factor in Developing Plans and the Economy. The appendix includes the titles of 15 papers presented by the participants and an extensive bibliography keyed to each report section. (EM)

VT 002 888
The MDTA and Your Health Manpower Needs.

Manpower Administration (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Manpower Administration, Office of Manpower Policy, Evaluation, and Research, U.S. Department of Labor, 14th Street and Constitution Avenue, N.W., Washington, D.C. 20210.
Pub Date - Aug67 23p.

*HEALTH OCCUPATIONS EDUCATION; REFRESHER COURSES; *PROGRAM DESCRIPTIONS; PROGRAM PLANNING; FEDERAL AID MDTA; *MANPOWER DEVELOPMENT AND TRAINING ACT

The total program under the Manpower Development and Training Act (MDTA) is described in basic terms. Subjects include: (1) the general types of job training, (2) categories of individuals eligible for training, (3) settings utilized for training, (4) the roles of the Departments of Labor, and Health, Education, and Welfare, (5) progress of training under MDTA to December 1966, (6) identification of training program needs and procedure for obtaining assistance, (7) selection of trainees, (8) financing of the program, and (9) designing the course. (JK)

VT 004 393
Preliminary Reports of the Committee (29th Annual Conference on Industrial Education, Sacramento, California, March, 1967).

MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 17p.

*INDUSTRIAL EDUCATION; *PROGRAM IMPROVEMENT; ARTICULATION (PROGRAM); *CONFERENCE REPORTS
*CONFERENCE ON INDUSTRIAL EDUCATION, SACRAMENTO, CALIFORNIA, MARCH, 1967

Ten committees suggested ways to improve California's industrial education program in the following areas: (1) Counseling and Guidance, (2) Programs in the High Schools, (3) Articulation with other Subject Areas, (4) Articulation--K through 14, (5) Programs for Persons with Special Needs, (6) Adult and Continuing Education, (7) Teacher Education, (8) Evaluation and Followup, (9) Advisory Committees, and (10) Programs in Junior College. (EM)

VT 004 401
Research Approaches to the Initiation of New Vocational-Technical Programs; A Conference (Madison, Wisconsin, October 3-7, 1966).

Wisconsin Univ., Madison. Center for Studies in Vocational and Technical Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 66 36p.

*SCHOOL INDUSTRY RELATIONSHIP; *VOCATIONAL EDUCATION; *CONFERENCE REPORTS; INFORMATION SOURCES; *STUDENT CHARACTERISTICS; *INFORMATION SYSTEMS; TECHNICAL EDUCATION
*RESEARCH APPROACHES TO THE INITIATION OF NEW VOCATIONAL-TECHNICAL PROGRAMS CONFERENCE, MADISON, WISCONSIN, OCTOBER 3-7, 1966

Resource leaders made presentations, forming a basis for discussion by 39 participants with responsibility for program development in their local communities. Major presentations included: (1) "Areas of Assistance from Private Employers" by George A. Howden, (2) "National Research Services" by William G. Shannon, (3) "Retrieval Systems and Services" by J. Kenneth Little, (4) "Industrial Involvement in Initiating New Programs" by Samuel Burt, and (5) "Student Characteristics" by Philip Perrone. (EM)

VT 004 803
National Painting and Decorating Apprenticeship and Training Standards.

National Joint Painting and Decorating Apprenticeship and Training Committee
Manpower Administration (DOL), Washington, D.C. Bureau of Apprenticeship and Training
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 33p.

*APPRENTICESHIPS; *PAINTERS; *LABOR STANDARDS; *PROGRAM GUIDES; PROGRAM ADMINISTRATION; NATIONAL PROGRAMS; SKILLED OCCUPATIONS; TRADE AND INDUSTRIAL EDUCATION

Changing techniques and new competitive materials requiring increased skills and technical knowledge demand more versatile and thoroughly trained craftsmen in the painting and decorating trades. The national standards, revised to meet this need, itemize apprenticeship provisions to provide the local joint apprenticeship committees and contractors with guidelines for establishing, improving, and conducting apprenticeship programs. The minimum apprenticeship term is set as 3 consecutive years of on-the-job training supplemented with 144 hours of related classroom instruction each year. Other standards include qualifications for apprenticeship, selection of apprentices, term of apprenticeship, period of probation, agreement between employer and apprentice, ratio of apprentices to journeymen, wages of apprentices, supervision of apprentices, and certificates of program completion. The local joint apprenticeship committees, equally representative of management and labor, are responsible for adapting the national standards to local use. Examples of the type of work experience and training considered necessary to develop skilled and productive workers are given for painters, decorators, paperhangers, and drywall finishers. The standards are supplemented with apprenticeship record keeping forms and directories of regional and state apprenticeship agencies. (HC)

VT 005 244
Callaghan, Daniel J.
Academic Planning Survey of Mental Health Manpower.

California State Dept. of Mental Hygiene, Sacramento. Office of Planning
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jun67 15p.

*HEALTH OCCUPATIONS EDUCATION; *PROFESSIONAL EDUCATION; PSYCHIATRISTS; SOCIAL WORKERS; PSYCHOLOGISTS; NURSES; *HEALTH SERVICES; *EDUCATIONAL TRENDS; *MENTAL HEALTH
CALIFORNIA

To secure information regarding California's mental health training from November 1964 through June 1965, the state's colleges and universities training students in psychiatry, psychology, social work, and nursing were surveyed to indicate the number of students graduated in each discipline in 1964 and the number of students expected to graduate in 1970. In nursing 1,555 graduated from diploma, baccalaureate and associate degree programs in 1964 and 3,345 were expected to graduate in 1970, or an increase from 8.67 to 15.4 per 100,000 population. In social work 195 graduated in 1964 and 613 were expected to graduate in 1970, or an increase from 1.09 to 2.81 per 100,000 population. Assuming no increase in size or number of programs beyond 1970, it was estimated that there would be only 2.32 graduates per 100,000 population in 1980. In psychology 69 graduates with Ph.D.'s in 1964 and 132 were expected to graduate in 1970, or an increase from .318 graduates to .608 per 100,000 population. With no program expansion beyond 1970 there would be only .5 graduates per 100,000 population in 1980. In psychiatry, 109 graduated in 1964 and 179 were expected to graduate in 1970, or an increase from .60 to .82 per 100,000 population. With no increase in the number of psychiatrists trained beyond 1970, there would be only .68 graduates per 100,000 population in 1980. (JK)

VT 005 863
Street, Paul
Vocational Rehabilitation Needs and Resources in Eastern Kentucky.

Kentucky Univ., Lexington. Bureau of School Service
Kentucky State Dept. of Education, Frankfort. Bureau of Vocational and Rehabilitation Services
Vocational Rehabilitation Administration (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET. RD-1763-G
Pub Date - Jan67 61p.

*RESOURCES; *NEEDS; *STATE PROGRAMS; *VOCATIONAL REHABILITATION; *PROGRAM EVALUATION
KENTUCKY

Vocational rehabilitation needs and resources of the area are described in a form organized to provide the basis for appraising existing programs and making them more effective. Records of 3,830 clients in the 39-county area served by the rehabilitation program in 1964 provided data for the study. A complete catalog was made of resources actually used in the program. Findings and conclusions include: (1) The need for additional funds is confirmed by the "pile up" of cases for which plans are not made until after July 1 when funds for the next fiscal year become available, (2) If a special project involving mentally retarded individuals of the 15 to 25 age group undertaken in 3 counties had been extended to the entire area, the total case load would have been more than doubled, (3) If all counties had operated a program on a par with that of Martin County, the total case load would have been increased two-thirds, (4) If all counties had Vocational Rehabilitation Service offices located in them, the total case load would have been increased 15 percent, and (5) If the program is to be effective, it should involve at least three times as many cases as it did in 1964. (JK)

VT 006 123
Proceedings of the Annual American Industrial-Technical Education Conference (1st, Columbus, June 20-21, 1967).

MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 46p.

*CONFERENCE REPORTS; *TRADE AND INDUSTRIAL EDUCATION; TECHNICAL EDUCATION; *EDUCATIONAL PROBLEMS; FEDERAL LAWS; *EDUCATIONAL NEEDS; *SCHOOL INDUSTRY RELATIONSHIP
*AMERICAN INDUSTRIAL TECHNICAL EDUCATION CONFERENCE, COLUMBUS, OHIO, JUNE 20-21, 1967

The first annual American Industrial-Technical Education Conference (AITEC) was held during the third National Vocational Industrial Clubs of America Conference. AITEC is comprised of groups of businesses, individuals, and organizations interested in supporting trade and industrial and technical education, and serves as a channel of communication between the members and educators. Major presentations were: (1) "Vocational Industrial-Technical Education--Purposes, Progress, Trends" by Edwin L. Rumpf, (2) "Vocational Industrial-Technical Education--The Congress and the States" by Lowell A. Burkett, (3) "Administration of Vocational Education on the State Level--Services and Issues" by C. Thomas Olivo, and (4) "The Priceless Human Resource--Our Nation's Youth" by Byrl R. Shoemaker. A panel presentation, "Meeting the Needs of Labor and Industry" was also made. (EM)

VT 006 165
Grede, John F.
Public Information to Assist in Recruitment for Occupational Programs. Report on Project 28-A8.

Chicago City College, Ill. Office of Occupational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 2Apr68 22p.

*VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *COMMUNITY COLLEGES; JUNIOR COLLEGES; *RECRUITMENT; CAREER OPPORTUNITIES

In spite of obvious needs for personnel in various occupations, growth in student enrollment in occupational programs has been disappointing. In line with the hypothesis that junior college students and potential students simply do not know about the occupational programs, an advertising agency was engaged to conduct a professional campaign. A sequence of display advertisements were placed in Chicago metropolitan daily newspapers with the main thrust between June and September 1967; a second campaign on a smaller scale preceded the February 1968 registration. A total of 2,041 individuals responded to the summer effort by returning information coupons. Of these, 325 enrolled in either September or February and 81 percent of the 325 took occupational courses. Of the 1,272 individuals who responded to the second campaign, 135 actually enrolled in February. An unanticipated benefit of the experiment was a listing of occupational programs in the order of popularity among prospective students. (JK)

VT 006 166
Mandalfino, S.A.
Potentials of a Centralized Community Homemaker Service--The Cleveland Experience.

National Council for Homemaker Services, Inc., New York, N.Y.
MF AVAILABLE IN VT-ERIC SET.
National Council for Homemaker Services, Inc., 1740 Broadway, New York, New York 10019 ($1.00).
Pub Date - 67 24p.; Paper presented at National Conference on Social Welfare (Dallas, Tex., May 21-26, 1967).

*OCCUPATIONAL HOME ECONOMICS; *VISITING HOMEMAKERS; *SERVICE WORKERS; FAMILY PROBLEMS; HOME MANAGEMENT; SOCIAL SERVICES; COMPANIONS (OCCUPATION); SPEECHES; *COMMUNITY SERVICES

The Cleveland Homemaker Association, a centralized voluntary community agency, has incorporated, organized, and developed its service to a level approximately 90 percent of the budgeting minimum of 50 homemakers for 1967. Cleveland, like many urban communities, had provided homemaker service for many years but only as adjunctive services within the community service agencies. As the value and effectiveness of the service became known throughout the community, greater demands were made upon these limited services. In June, 1960, the report of the joint committee on casework service to older persons emphasized that many of the homemaker service programs for older persons were equally appropriate for chronically and acutely ill adults and for children in motherless homes. As a result of that report, a committee of leaders from almost every facet of community life was appointed. The results of a 1962 study, to determine the nature and extent of need for homemaker service as identified by health and welfare agencies emphasized the need for homemaker service in the community. The procedures and details for organizing and administering the program are outlined in the document. Centralization, the outstanding achievement of the program, has facilitated better and wider service. In some situations where there has been resistance to case work and nursing service, the homemaker service has bridged the gap. (FP)

VT 006 168
Report of Vocational Needs Study Committee.

Seattle Public Schools, Washington
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jun64 69p.

*VOCATIONAL EDUCATION; *VOCATIONAL COUNSELING; *EDUCATIONAL PLANNING; DROPOUTS; EDUCATIONAL POLICY; FINANCIAL SUPPORT; VOCATIONAL REHABILITATION; SECONDARY GRADES; PREVOCATIONAL EDUCATION; ADVISORY COMMITTEES
VOCATIONAL EDUCATION ACT OF 1963

Seattle Public Schools have developed a variety of programs designed to provide vocational and pre-vocational education for students on the secondary level. The committee recommended that (1) the work experience and pre-vocational programs be expanded, (2) the Tutorial program, designed to provide an opportunity for suspended students to earn their way back to school, be tried and evaluated, and (3) The summer dropout program be continued and an effort be made to learn which factors in a school program cause students to withdraw. Recommendations of the 1960 Citizens' Report relating to present educational and vocational problems, as well as implications of the Vocational Education Act of 1963 for various service areas, project grants, finances, and teacher training are given. The appendix includes relevant papers and speeches on: (1) vocational guidance, (2) model for senior high schools, (3) training youth counselors, (4) the dropouts, (5) trained hands, (6) illusions about the vocational high school, and (7) proposed prevocational program. (FP)

VT 006 325
Morlock, Maud
Homemaker Services--History and Bibliography.

Children's Bureau (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS14.111:4/0, $.40).
Pub Date - 64 124p.

*OCCUPATIONAL HOME ECONOMICS; *ANNOTATED BIBLIOGRAPHIES; *VISITING HOMEMAKERS; SERVICE OCCUPATIONS; *PROGRAM DESCRIPTIONS; PROGRAM ADMINISTRATION; COMPANIONS (OCCUPATION); MAIDS; SOCIAL SERVICES; HOME MANAGEMENT; *HISTORICAL REVIEWS

Historical origins of the homemaker services date back to 1903. Early services provided by Jewish Welfare groups, the Work Projects Administration, and the Homemaker Services are described. Homemaker Services conferences culminating in the 1964 National Conference on Homemaker Services are outlined chronologically. An annotated bibliography of 517 references classifies materials according to: general orientation, historical background, program descriptions, role of professional workers, meeting special needs, services in other countries, training, guidelines and standards, personnel policies, appraisal of services, finances, directories, manuals, community organization, national committees, and councils, and conferences. Author and subject indexes are included. (FP)

VT 006 348
Practical Nurse Education Program Practices in Connecticut Vocational-Technical Schools.

Connecticut State Dept. of Education, Hartford. Bureau of Vocational-Technical Schools
MF AVAILABLE IN VT-ERIC SET.
Bull-35.
Pub Date - Jun66 57p.

*HEALTH OCCUPATIONS EDUCATION; *PRACTICAL NURSING; *ADMINISTRATIVE POLICY; *PROGRAM ADMINISTRATION; STATE STANDARDS; VOCATIONAL SCHOOLS
CONNECTICUT

The manual covers the history, purpose, philosophy, objectives, principles of operation, and policies of the practical nurse education program. Principles of operation consider program accreditation, administrative authority, participation and accreditation of affiliating hospitals, responsibilities of the Vocational Education Department, and responsibilities of affiliating hospitals. Policies are given for selection and training of instructors, qualifications and duties of the clinical program coordinator, student selection, student uniforms, student expenses, transportation, tuition, textbooks, absence and vacation, transfer to another hospital or center, credit for previous nursing experience, maintenance during the clinical period, evaluation, dismissal, withdrawal, capping and graduation exercises, review week, state board transcripts, filing of records, local faculty meeting, and curriculum day meetings. A complete set of sample forms used in the practical nurse program is included. (JK)

VT 006 393
Dean, Ernest H.
A Summary of a Research Study Entitled--Implications of Vocational Education for Plant Site Location.

Utah Technical Coll., Provo
MF AVAILABLE IN VT-ERIC SET. OEG-4-7-068498-0408 08
BR-6-8498
Pub Date - 67 20p.

*GEOGRAPHICAL LOCATION; *INDUSTRY; *SCHOOL INDUSTRY RELATIONSHIP; SELECTION; *VOCATIONAL EDUCATION; SURVEYS; TECHNICAL EDUCATION

"Implications of Vocational Education for Plant Site Location" is summarized. See abstract of ED 014 569 (VT 003 386, ARM Spring 1968) which is the complete study. (EM)

VT 006 402
From Sixth Form to Industry; Report of a Conference of Schools and Industry Organized by the Federation of British Industries, the Headmasters' Conference and the Incorporated Association of Headmasters (St. Catharine's College, Cambridge (England) June 27-29, 1963).

Federation of British Industries, London (England)
MF AVAILABLE IN VT-ERIC SET.
Federation of British Industries, 21 Tothill Street, London, S.W.1, England ($.60).
Pub Date - Jun63 76p.

*CONFERENCE REPORTS; STUDENT ATTITUDES; INDUSTRY; *EMPLOYMENT OPPORTUNITIES; MANAGEMENT EDUCATION; TECHNICAL EDUCATION; ADMISSION CRITERIA; *ECONOMIC FACTORS; *EDUCATIONAL NEEDS; *VOCATIONAL EDUCATION; MANPOWER NEEDS; FOREIGN COUNTRIES
*CONFERENCE OF SCHOOLS AND INDUSTRY FROM SIXTH FORM TO INDUSTRY, CAMBRIDGE, ENGLAND, JUNE 27-29, 1963

Presentations made at this four-day conference included; (1) "The Sixth Former on the Threshold of Industry" by J.A. Pope, (2) "The Attitude of the Boy to Industry" by J.C. Dancy, (3) "The Needs of Industry Now and in the Future" by Peter Runge, (4) "Training for Management in Light of Modern Scientific Sociological Developments" by R. Moore, (5) "Value of Degree and Diploma Studies and the Use of First Class Ability in Industry" by T.J.P. York, (6) "Technological Education and the Need for More Really Able Boys to Take Up Engineering" by Elvet Lewis, (7) "Economic Factors in Education and Training, and Liaison between Schools, Colleges, and Industry" by J. Grange Moore, (8) "The Needs of Industry in the Arts and Sciences with Particular Reference to Languages and Mathematics" by E.R.L. Lewis, and (9) "Alternative Means of Selection for Further Education and Training" by E.S.M. Chadwick. (EM)

VT 006 413
Homemaker Home Health Aide-Services for Families with a Mentally Retarded Member.

National Council for Homemaker Services, Inc., New York, N.Y.
MF AVAILABLE IN VT-ERIC SET.
National Council for Homemaker Services, Inc., 1740 Broadway, New York, New York 10019 ($1.00).
Pub Date - 66 41p.

*VISITING HOMEMAKERS; *MENTAL RETARDATION; *SOCIAL SERVICES; *COMPANIONS (OCCUPATION); WELFARE SERVICES; AGENCY ROLE
*NATIONAL COUNCIL FOR HOMEMAKER SERVICES; NATIONAL CONFERENCE ON SOCIAL WELFARE

During the National Conference on Social Welfare in Chicago, May 29 through June 3, 1966, the National Association for Retarded Children and the National Council for Homemaker Services sponsored a meeting on organizing and conducting homemaker services for families with a mentally retarded member. Papers included in the document are; (1) "Extending and Improving Homemaker Services to Families with a Mentally Retarded Member" by Katherine Brownell Oettinger, (2) "The Homemaker Service in a Voluntary Agency for Families with Retarded Children" by Rose Brodsky, and (3) "Homemaker Service in a Public Agency for Families with a Retarded Member" by Wallace H. Kuralt. (JK)

VT 006 568
Program Summaries of the Annual Industrial Education Conference (13th, Stout State University, Menomonie, Wisconsin, October 21, 1966).

Stout State Univ., Menomonie, Wis.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 66 83p.

*TEACHER EDUCATION; *CONFERENCE REPORTS; *TRADE AND INDUSTRIAL EDUCATION; *TEACHING SKILLS; *SECONDARY GRADES; STATE SUPERVISORS; APPRENTICESHIPS; GUIDANCE FUNCTIONS
WISCONSIN; *INDUSTRIAL EDUCATION CONFERENCE (13th ANNUAL, MENOMONIE, WISCONSIN, OCTOBER 21, 1966

This conference attended by state department officials, school administrators, industrial management personnel, labor representatives, and teachers, had as its theme "Secondary School Vocational Education." The presentations, included in summarized form, are; (1) "The Hallmarks of a Quality High School Vocational Education Program" by William Kahl, (2) "Competencies Required for a Teacher of Secondary School Vocational Education" by George Kinsler, (3) "Implications for Teaching Preparation--Present and Future" by E. Robert Rudinger, (4) "The Role of the State Coordinator" by Richard Roberts, (5) "Psychological Background for Vocational Education" by Erich R. Oetting, (6) "Secondary School Vocational Education--Its Relationship with Apprenticeship" by Charles Nye, (7) "A Progress Report on a Pilot Program" by Edward Krig, (8) "Competencies the Secondary Vocational Education Student Should Possess to Enter the Technical School" by Earl F. Jaeger, (9) "A Progress Report on a Pilot Program by an Administrator" by Edmund F. Schwan, (10) "The Technical Institute Administrator's Reactions to Secondary School Vocational Education" by Alun C. Thomas, (11) "The Role of the High School Guidance Counselor in the Vocational Program" by Wayne J. Harrison, Jr., and (12) "Industrial Management Reactions to the Secondary School Vocational Education Program" by F.W. Churchill. (EM)

VT 007 137
Bennett, Robert, And Others
Cooperative-Distributive Education, An Alternate Semester Program; A Research and Development Project in Community College Cooperative Education with Emphasis on Distributive Business Careers. Sections I and II.

San Mateo Coll., Calif.
California State Dept. of Education, Sacramento. Business Education Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 14p.

*DISTRIBUTIVE EDUCATION; *POST SECONDARY EDUCATION; *COOPERATIVE EDUCATION; EMPLOYER ATTITUDES; *PROGRAM DEVELOPMENT; PROGRAM DESCRIPTIONS; *COMMUNITY COLLEGES; PROGRAM PLANNING; FEASIBILITY STUDIES; COMMUNITY SURVEYS

Cooperative Education, continuous college enrollment combined with part-time work stations, is studied as a plan for students seeking distributive careers at the community college level. During spring semester of 1968 (the period of this study), 34 students at the College of San Mateo were on Cooperative Work stations, and 250 students had requested admission to the program. Section I summarizes the responses of 50 employer interviews and cites civilian employment statistics for the area evidence of the widespread need for employees in distributive careers. Section II describes the alternate semester cooperative education work study plan for college students, summarizes previous studies, and gives a brief historical sketch of this movement in education. Some findings were: (1) 80 percent of the employers interviewed are in agreement with the principles of cooperative education as a work study plan which could be used by their businesses, (2) Opportunities for recruiting young college trained employees and full-time coverage of work stations are the two most commonly stated reasons for interest in the plan, (3) Employers interviewed for this study are entirely receptive to hiring minority student employees on the cooperative plan, and (4) Cooperative education serves as a student recruiting device for distributive careers. (MM)

VT 007 217
Ferguson, Edward, Jr.
Research and Development Program in Vocational-Technical Education; Seminar in Distributive Teacher Education (1967). Volume III, Seminar Papers and Documents. Prepared Paper, No. 1: Reactions to Project Training by Research Associates in Experimental DE High School Programs.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 12p.

*DISTRIBUTIVE EDUCATION; *PROJECT TRAINING METHODS; *TEACHER ATTITUDES; *COURSE EVALUATION; *EDUCATIONAL PLANNING

Seventeen teachers teaching 11th grade distributive education classes by the project method of instruction were asked to react to three questions: (1) What are the best points of project training? (2) What are the greatest problem areas of project training? and (3) What advice would you have for a teacher about to go into the first year of project training? The teacher's reactions to the three questions are compiled in this document. (MM)

VT 007 234
Statutes Concerning Joint Vocational School Districts.

Ohio State Dept. of Education, Columbus. Div. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Feb68 14p.

*ANNOTATED BIBLIOGRAPHIES; *VOCATIONAL EDUCATION; *EDUCATIONAL LEGISLATION
*OHIO

So that local schools and their staff may better interpret legislation concerning establishment, change, and improvement of vocational education programs, abstracts are included of recent state legislation concerning such statutes as: plan for a joint vocational school, creation of a joint vocational district, bond issue, tax levy, school foundation allocations, facility sharing, and student loans. If additional information is needed about a specific piece of legislation, the administrator may consult the legislative bill designated in each abstract. (CH)

VT 007 273
Concept of a Total Program in Education for the World of Work.

Delaware Occupational Research Coordinating Unit, Dover
MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 20p.

*PROGRAM DEVELOPMENT; *OCCUPATIONAL MOBILITY; *VOCATIONAL EDUCATION; *EDUCATIONAL PROGRAMS
DELAWARE

The concept of "education for the world of work" has for its objective the preparation of each individual to meet successfully the problems of life in his physical, social and political environment. This concept is concerned with the total program of education, not only for persons in school, but for those out of school and unemployed, for those already in the labor market but who need training or re-training, and for those who are emotionally, economically or physically handicapped. Only 76 out of every 100 entering students complete high school and, of these, 40 will enter college but only 20 will finish a 2- or 4-year program. This means that approximately two-thirds of the original 100 ninth graders are left untrained for productive work of any kind. In this context, the secondary school must fulfill its responsibility by providing (1) an academic program for college entrance, and (2) a practical arts or technical program, either in the high school or in a separate vocational-technical high school. (CH)

VT 007 274
Memorandum on the Association's Role and Function in the Training of Auxiliary Personnel.

American Association of Dental Schools, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Mar68 6p.

DENTISTRY; *DENTAL AUXILIARIES; *HEALTH OCCUPATIONS EDUCATION; *PROFESSIONAL EDUCATION; DENTAL ASSOCIATIONS; PROGRAM DEVELOPMENT; MANPOWER NEEDS; ACCREDITATION (INSTITUTIONS); *POLICY
*AMERICAN ASSOCIATION OF DENTAL SCHOOLS

The House of Delegates approved in March 1965 a guideline for action, leadership, and responsibility in the training of dental auxiliary personnel. The Association believes that these auxiliaries should be trained in university-based dental schools and health sciences centers; however, the utilization of other educational resources in the community is encouraged. Member institutions are urged to give full cooperation to other educational institutions engaged in planning and developing programs. Recommendations are that pre- and post-accreditation consultation and guidance services be developed within each member institution under the direction of the Association and in cooperation with the Council on Dental Education of the American Dental Association and the educational divisions of the American Dental Hygienists' Association and the American Dental Assistants Association. The kinds of consultation and guidance which might reasonably be requested by the educational facility planning or operating a program for dental auxiliaries are outlined. (JK)

VT 007 410
What is the Responsibility of Business in Modernizing Education?

Chamber of Commerce of the United States, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Chamber of Commerce of the United States, 1615 H Street, N.W., Washington, D.C. 20006 ($1.50).
Pub Date - nd 24p.

*EDUCATIONAL IMPROVEMENT; *SCHOOL INDUSTRY RELATIONSHIP; *COMMUNITY INVOLVEMENT; ADVISORY COMMITTEES; SCHOOL SURVEYS

The status of education today and the means by which businessmen can help determine local needs in education are discussed. A recent nationwide survey of the Manpower Research Council revealed that businessmen, particularly middle management personnel, have definite views about the adequacy of schools in their communities. Of the 930 business firms interviewed, 57 percent said local schools and training institutions were not meeting their companies' manpower needs, 51 percent said their communities lacked training facilities, and 89 percent said they would serve on advisory programs to review the educational programs of their communities. The discussion addresses business involvement in the modernization of education, the utility of school surveys in educational reorganization and program improvement, and a community approach to modernizing education. (CH)

VT 007 654
Statutes Concerning Technical Institutes and Community Colleges.

Ohio State Dept. of Education, Columbus. Div. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Apr68 29p.

*EDUCATIONAL LEGISLATION; *STATE LEGISLATION; *TECHNICAL INSTITUTES; *COMMUNITY COLLEGES; CURRICULUM; *ASSOCIATE DEGREES; STUDENTS; STUDENT PERSONNEL SERVICES; FACULTY; LIBRARIES
OHIO

In recent years, the state legislature's increased interest in technical education has resulted in considerable modification of and addition to existing legislation concerning technical and adult education in the technical institute and community college. In an effort to assist technical institutes and community colleges and their staffs in interpreting this legislation, abstracts of recent legislation are given under the headings of: (1) Technical Institutes, (2) Community Colleges, and (3) Standards for Associate Arts Degree Established by the Board of Regents. If additional information is needed concerning a specific piece of legislation, the administrator may consult the legislative bill designated by the section number listed with the abstract. (CH)

VT 007 659
Report and Recommendations of the State Advisory Committee for Development of Vocational Education in Idaho Public Secondary Schools.

State Advisory Committee for Development of Vocational Education in Idaho Public Secondary Schools, Idaho
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jul68 12p.

*VOCATIONAL EDUCATION; *STATE PROGRAMS; *ADVISORY COMMITTEES; *OCCUPATIONAL INFORMATION; TECHNICAL EDUCATION; CAREER OPPORTUNITIES; BASIC SKILLS; CURRICULUM; ELEMENTARY SCHOOLS; JUNIOR HIGH SCHOOLS; SENIOR HIGH SCHOOLS
IDAHO

The state advisory committee for development of vocational education in Idaho recommends that if public schools are to prepare students for the world of work, their offerings should include: (1) a sound base in educational and social skills meaningful to youth at all levels of ability, (2) information about and practical experience in occupations, preparing students to choose work in which they can be successful, (3) educational experience to prepare students for post-high school vocational-technical education, and (4) for some students, the skill and knowledge necessary for them to get a job and progress in it upon completion of high school. Position statements and recommendations relative to programs of occupational information and orientation, occupational exploration and experimentation, and vocational education are presented. (CH)

VT 007 693
Survey to Assess the Needs of Post-Secondary Vocational Training in the Western Half of New York State.

New York State Agricultural and Technical Coll., Alfred
New York State Education Dept., Albany
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 128p.

*SCHOOL SURVEYS; *POST SECONDARY EDUCATION; *ENROLLMENT PROJECTIONS; PARENT ATTITUDES; STUDENT ATTITUDES; *ADMINISTRATOR ATTITUDES; EMPLOYER ATTITUDES; *VOCATIONAL EDUCATION; TECHNICAL EDUCATION; CASE RECORDS
WESTERN NEW YORK

The purposes of this study were to determine (1) the number of students who desire post secondary vocational education, (2) the needed vocational programs, (3) the source of post secondary students, (4) an assessment of the number of future programs, and (5) the employment opportunities in the target area. Data were collected from 141 high school administrators, 36 employers, 10 community presidents, and from parents and students from three randomly selected schools. The survey covered 21 counties. Findings included: (1) administrators indicated that 2,459 students planned to attend post secondary vocational programs in 1968 with an increase to 3,278 by 1973, (2) employers preferred post secondary graduates, (3) 21 out of 35 employers indicated that high school vocational programs did not meet their needs, (4) five of the community colleges planned vocational offerings, and (5) most employers indicated a growing need for well-trained workers. (EM)

VT 007 701
Schaefer, Carl J.; Kaufman, Jacob J.
Better Options, Better Lives. Summary Report on the Needed Reform in Occupational Education in Massachusetts.

Massachusetts Advisory Council on Education, Boston
MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 26p.

*VOCATIONAL EDUCATION; *EDUCATIONAL CHANGE; *EDUCATIONAL NEEDS; *PROGRAM PROPOSALS; *EDUCATIONAL PROBLEMS; POST SECONDARY EDUCATION; SECONDARY EDUCATION
MASSACHUSETTS

Efforts to allocate resources more effectively and to provide more equitable and more relevant educational opportunities within the State led to the first major study of the State's system of vocational and technical education and furnished the material for this summary report. In gathering information for the original report, the investigators engaged in consultations, seminars, special studies, questionnaires, and surveys. They visited schools and surveyed students, graduates, and parents. Their study revealed that the State and its

school systems are not offering enough vocational education, that different types of vocational education should be available, and that the State needs to reorganize and expand its agencies for the administration of vocational education. The study developed 49 separate recommendations which cover the following eight areas: (1) organization, (2) curriculum, (3) administration, (4) financing, (5) legislation, (6) teacher education, (7) public support, and (8) community colleges. The complete study is available as ED 029 107 (VT 007 872, in ARM Spring 1970). (MU)

VT 007 743
Procedures for Developing Industrial Arts Education Project Proposals Under the Provisions of the National Defense Education Act Title III.

Delaware State Dept. of Public Instruction, Dover
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Mar68 20p.

*INDUSTRIAL ARTS; *GUIDELINES
*NATIONAL DEFENSE EDUCATION ACT; TITLE III; PROPOSAL GUIDELINES

Procedures are described for developing and submitting local school district proposals for funding assistance in Industrial Arts under Title III of the National Defense Education Act. Major topics covered are: (1) Objectives of the Industrial Arts Program, (2) Background Information about the School District, (3) The Current Program in Industrial Arts, (4) Industrial Arts Shop/Laboratory Facilities, (5) Student Guidance and Evaluation, (6) Planned Improvements in the Industrial Arts Program, (7) Tentative Schedule for Completing Various Phases of the Project, (8) Criteria Used to Evaluate the Proposed Program, (9) Teachers Involved in the Current Program, and (10) Participants Involved in This Project Proposal. Also included are proposal evaluation criteria and equipment selection criteria. (EM)

VT 007 869
Progress Report of the Governor's Committee on Vocational-Technical Education.

Governor's Committee on Vocational-Technical Education, Cheyenne, Wyo.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jun68 30p.

*VOCATIONAL EDUCATION; *ADVISORY COMMITTEES; AREA VOCATIONAL SCHOOLS; PREVOCATIONAL EDUCATION; GUIDANCE COUNSELORS; OCCUPATIONAL INFORMATION; COMMUNITY COLLEGES; *MASTER PLANS; *STATE PROGRAMS; *SCHOOL SURVEYS; EMPLOYMENT STATISTICS; EMPLOYMENT PROJECTIONS
WYOMING

The Committee's charge was to inventory existing vocational and technical training facilities, to devise a plan for vocational and technical education, and to report its findings and recommendations. A master plan encompassing high schools, community colleges, area vocational schools, and the teacher education programs of the University of Wyoming was proposed. The plan stressed the following concepts: (1) development of area vocational-technical programs utilizing existing facilities, (2) development of curriculums providing for prevocational courses in the elementary grades, effective synthesis of vocational and general education courses, and flexibility of scheduling, (3) employment of additional guidance counselors knowledgeable about vocational education, (4) use of testing techniques for guidance and for assessment of curriculum needs, (5) preparation of a bulletin for distribution to school board members, administrators, supervisors, adult education teachers, industry, and other interested persons or organizations listing post-high school vocational programs, and (6) so that students' would have a wider choice of vocational programs, provision for students to attend, without increases in tuition, community colleges outside their districts, as well as a request that the Western Interstate Commission for Higher Education to develop an interstate agreement allowing students to attend out-of-state institutions of higher education at in-state tuition. (JK)

VT 007 933
Public Elementary and Secondary School Education Needs. Vol. I.

Wyoming State Dept. of Education, Cheyenne
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 31Dec68 143p.

*ELEMENTARY EDUCATION; *SECONDARY EDUCATION; EDUCATIONAL RESOURCES; *EDUCATIONAL NEEDS; VOCATIONAL EDUCATION; COMMUNITY COLLEGES; *EDUCATIONAL IMPROVEMENT; EDUCATIONAL PLANNING
WYOMING

The report is organized into three chapters. Chapter I details the background information necessary to determine public elementary and secondary school education needs and to establish priorities in developing a master plan. The following were reviewed: organization for elementary and secondary school education, enrollments, school programs and services, professional personnel, facilities, and costs and school finance. Primary problems identified were: (1) wide variation in educational opportunities across the state, and (2) relatively high and rising cost of public school education, partly due to sparse population. (Annual operating costs are expected to rise from $57 million in local and state funds to between $175 and $215 million by 1985; the cost for additional facilities can be expected to range from $43 million to $76 million.) Chapter II identifies priority needs as follows: (1) greater uniformity in scope and quality of educational opportunities, (2) better use of available resources, (3) closer relationships of public school education with post-high school education and the world of work, (4) refined system for maintaining statistical data, and (5) a master plan to guide the future of public school education. Chapter III recommends the next steps to be taken to improve public school education, emphasizing the coordination of master planning for community college vocational-technical education with master planning for public school education. (JK)

VT 007 969
Study of Nursing Education in Tennessee.

Tennessee Mid-South Regional Medical Program, Nashville. Nurse Section
MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 37p.

*HEALTH OCCUPATIONS EDUCATION; *PROFESSIONAL EDUCATION; *NURSING; *STATE SURVEYS; FACULTY; ENROLLMENT; ADMISSION CRITERIA; FINANCIAL SUPPORT; EDUCATIONAL PLANNING
TENNESSEE

Information was collected from schools of nursing, the state board of nursing, state planning agencies, the state nurses' association and the health careers program. Three major sections of the report treat (1) the nurse crisis including source of nurse supply, nursing leadership in the state, and facilities for leadership preparation, (2) schools of nursing including faculty, students, entrance requirements, and scholarships, and

(3) statewide planning to meet the crisis. The ratio of 158.5 registered nurses per 100,000 population in Tennessee for 1966 as compared with the national figure of 313 nurses represents an increasing deficit. Further information indicated a lack of academically qualified nurse faculty and a dearth of qualified applicants to schools of nursing. Conclusions were that the crisis will be met only through progressive implementation of a bold statewide plan requiring responsible support from an informed public. (JK)

VT 008 019
Let's Be Practical About a Nursing Career.

National League for Nursing, New York, N.Y. Dept. of Practical Nursing Programs
MF AVAILABLE IN VT-ERIC SET.
National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019 ($.25).
Pub Date - 68 47p.

*HEALTH OCCUPATIONS EDUCATION; *PRACTICAL NURSING; ACCREDITATION (INSTITUTIONS); *DIRECTORIES; *SCHOOLS; ADMISSION CRITERIA

Intended primarily as a guide to prospective nursing students, the booklet describes the role of the practical nurse and the nature of practical nursing programs. All state-approved programs are listed. Information includes an indication of whether or not the program admits men students and an indication of accreditation, where such exists, by the National League for Nursing. (JK)

VT 008 028
Vocational Education in Utah.

Utah State Board for Vocational and Technical Education, Salt Lake City
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec68 29p.

*VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *EDUCATIONAL NEEDS; *EDUCATIONAL RESOURCES; EMPLOYMENT STATISTICS; STUDENT ENROLLMENT; EXPENDITURES; FACULTY; STATE PROGRAMS; SCHOOL STATISTICS
UTAH

Statistical information regarding vocational education, primarily in graphic form, covers enrollment, expenditures, and faculty and other personnel in terms of program level, vocational area and specific program. The employment situation is analyzed in relation to the educational profiles of people entering the labor market, a comparison of the occupational structure with the aspirations of youth, and follow-up information on the 1967 graduates of vocational programs. Needs identified include: (1) recognition of the technician and skilled and semi-skilled workers, (2) guidance for the non-college bound, (3) replacement of outdated courses by quality programs attuned to the needs of business, industry, individuals, the state, and the nation, (4) allocation of educational resources to meet the needs of young people, (5) quality teachers in vocational and technical programs, and (6) closer collaboration with teacher training institutions for pre-service and inservice training. Recommendations include: (1) decentralized control to increase responsiveness to vocational technical education innovations, (2) regional offices to accompany population growth, (3) closer ties between schools and potential employers, and (4) better channels for orienting parents to the objectives of vocational/technical programs. (JK)

VT 008 088
Glover, E. Elizabeth, And Others
New Approaches to Homemaker Service.

Child Welfare League of America, Inc., New York, N.Y.
MF AVAILABLE IN VT-ERIC SET.
Child Welfare League of America, 44 East 23rd Street, New York, New York 10010 ($.95).
Pub Date - 68 47p.; Ten papers reprinted from "Child Welfare."

*OCCUPATIONAL HOME ECONOMICS; *HOME MANAGEMENT; MAIDS; COMPANIONS (OCCUPATION); *PROGRAM DESCRIPTIONS; *PROGRAM ADMINISTRATION; *COMMUNITY SERVICE PROGRAMS; VISITING HOMEMAKERS

The compilation consists of reprints of 10 articles published in "Child Welfare" since 1962. An editorial by E. Elizabeth Glover depicts the urgent need for homemaker service programs. Titles and authors of other articles are: (1) A Formalized Homemaker Training Program--Elizabeth Burford, (2) Nine-to-Twenty-four-Hour Homemaker Service Project, Part I and Part II--Children's Aid Society, (3) The Team Approach in Protective Service--Louise Foresman and others, (4) A Public Agency's Homemaker Service Program--Ruth M. Snyder, (5) Homemaker Service Under Private Auspices--Elizabeth A. Stringer, (6) A Demonstration Homemaker Project--Bessie Mae Jones, (7) Administrative Aspects of 24-Hour Homemaker Service--Rose Brodsky, and (8) Emergency Parent--A Protective Service to Children in Crisis--Norman W. Paget. (FP)

VT 008 096
Engineering Manpower; Educational and Training Preparation of Technicians, A Memorandom. IAMR Working Paper No. 2/1967).

Institute of Applied Manpower Research, New Delhi (India)
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 80p.

*TECHNICAL EDUCATION; *ENGINEERING TECHNICIANS; *PROGRAM IMPROVEMENT; PROGRAM DESCRIPTIONS; *OCCUPATIONAL SURVEYS; OCCUPATIONAL INFORMATION; EMPLOYMENT PATTERNS; *EDUCATIONAL PROGRAMS; COMPARATIVE EDUCATION; FOREIGN COUNTRIES
*INDIA

This paper examines the middle level technician in India and current patterns of technical education, seeking to suggest solutions for matching training programs with industrial requirements. Recommendations include: (1) identifying narrow branches of engineering and technology suitable for technician specialties, (2) planning of facilities based on industrial needs. (3) improving standards for technical-education, (4) arranging for cooperative training between industry and educationalinstitutions, (5) raising the status of technical programs, and (6) identifying the most appropriate setting for technician education. (EM)

VT 008 131
Hart, Evelyn
Homemaker Services for Families and Individuals. Public Affairs Pamphlet No. 371.

Public Affairs Committee, Inc., New York, N.Y.
DOCUMENT NOT AVAILABLE FROM EDRS.

Public Affairs Pamphlets, 381 Park Avenue South, New York, New York 10016 ($.25).
Pub Date - 65 24p.

*VISITING HOMEMAKERS; *OCCUPATIONAL HOME ECONOMICS; *HOME MANAGEMENT; SERVICE OCCUPATIONS; SOCIAL SERVICES; COMPANIONS (OCCUPATION); HOME PROGRAMS; *PROGRAM DESCRIPTIONS; *COMMUNITY SERVICE PROGRAMS; HEALTH SERVICES

Homemaker service provides in-home help around the clock, several hours daily, or a few days a week for families and individuals whose living and household routine threatens to break down because of a temporary crisis or long-term deprivation. Aid may be given to large family during the absence of the mother, to an elderly couple, to a recently discharged hospital patient, or to a mother who needs assistance in raising the level of living for her whole family. Organizational structure is variable in different communities. More than half of all Homemaker Services now in operation are administered in voluntary family and children's agencies and are supported by community funds. The caseworker evaluates the family's needs and ability to use Homemaker Service and recommends termination of service when it is no longer needed or is not serving its purpose. The caseworker is uniquely qualified by professional knowledge and skill to give the homemaker the support and assistance she needs. The potentialities of Homemaker Service are unlimited in scope and versatility, dependent only on the competence, creativity, and skill of those who administer it. Several case studies are included in the document. (FP)

VT 008 149
Vocational and Technical Education in Rhode Island--1969-1975, A Report.

Rhode Island State Dept. of Education, Providence. Div. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Feb69 36p.

*STATE PROGRAMS; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *PROGRAM IMPROVEMENT; *PROGRAM COSTS; STUDENT ENROLLMENT; ENROLLMENT PROJECTIONS; AREA VOCATIONAL SCHOOLS
*RHODE ISLAND

This report to the Administration and General Assembly of Rhode Island substantiates the continuing need to update vocational education planning in light of changing employment patterns and recent federal legislation (The Vocational Education Amendment of 1968). Specifically the report requests the financial support required to assure the continuous development of vocational and technical education. Referendums for bond issues to support vocational and technical education are based on data such as projected student capacity by occupational area in all secondary facilities by 1971, vocational and technical student enrollment by occupational area, and project number of graduates of all secondary vocational and technical programs in Rhode Island. (CH)

VT 008 163
Health Planning; A Programmed Instruction Course. PHS Programmed Instruction Series No. 2.

Public Health Service (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PHS Bull No. 46.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS2.6/7:2, $1.25).
Pub Date - 68 111p.

*HEALTH SERVICES; *PROGRAM PLANNING; *PROGRAMED TEXTS; BUDGETING; INFORMATION SYSTEMS
*PLANNING PROGRAMING BUDGETING SYSTEM; PPB

Intended as an introduction to the fundamental principles of personal health services planning, this programed text is based upon two articles in "Public Health Reports" by Jerrold M. Machael, George Spatafore, and Edward R. Williams: "An Approach to Health Planning" (December 1967) and "A Basic Information System" (January 1968). The user should have copies of these articles available as reference sources. The nine sections of the manual are: (1) The Planning-Programming-Budgeting System (PPB), (2) Defining Mission, Goal, and Objective, (3) The comprehensive Health Plan, (4) Steps in an Illustrative Scheme of Health Planning, (5) The PPB Health Planning Process, (6) The Information System, (7) The International Classification of Diseases, (8) Health Problem Index, and (9) Health Services Functional and Activity Areas. The total expected reader time requirement is 3 hours and the material should be completed in no more than two working sessions. (JK)

VT 008 176
Buckley, Edward P.
Feasibility Study for Aviation Programs at Hudson Valley Community College.

New York State Education Dept., Albany
New York State Univ., N.Y.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 17Jul68 27p.

*FEASIBILITY STUDIES; *AVIATION TECHNOLOGY; AVIATION MECHANICS; AIRCRAFT PILOTS; *ASSOCIATE DEGREES; *EDUCATIONAL PROGRAMS; *COMMUNITY COLLEGES
*HUDSON VALLEY COMMUNITY COLLEGE; NEW YORK

This study considered the feasibility of establishing associate degree curriculums for commercial pilots, maintenance personnel, and airline stewardesses by assessing the employment needs for such personnel and student interest in such training. Data were collected by interview, questionnaires, phone calls, and conferences from fixed base operators, airline representatives, corporation officers, high school counselors and teachers, college personnel involved in current aviation programs, Federal Aviation Agency representatives, and members of the state department of transportation. Some general findings were: (1) The increased aviation employment demand will continue through 1980, (2) Numbers of students and job vacancies justify an associate degree pilot's program, (3) The demand far exceeds the supply of aviation mechanics, (4) Airline stewardess applications exceed the demand, and (5) No junior college program exists in the northeastern states for pilots or stewardesses. Recommendations are: (1) the creation of a department of aviation, (2) the offering of an associate degree for pilots, (3) the deferral of organizing a mechanics program until after the department is created, and (4) the offering of aviation courses on an elective basis for all students. (EM)

VT 008 248
Achievement Report on Area Vocational-Technical School Development, 1963 to June 30, 1968.

Pennsylvania State Dept. of Public Instruction, Harrisburg. Bureau of Vocational, Technical and Cont. Educ.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Sep68 12p.

PROGRAM DESCRIPTIONS; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *STUDENT ENROLLMENT; *CONSTRUCTION PROGRAMS; STATISTICAL DATA
PENNSYLVANIA

The results of statewide efforts to provide vocational and technical education opportunities to all secondary school pupils and out-of-school youth and adults in Pennsylvania are presented. The first stage of development was the outlining of attendance areas (geographical boundaries of the areas to be served by vocational schools). Following approval of attendance areas, program plans were prepared. Data from these plans are: (1) 42 schools offered part-time programs, (2) 11 offered full-time programs, (3) total course offerings were 1,152, (4) enrollment for senior high schools was 267,656, and (5) enrollment for technical schools was 47,171. The final stage of development was the construction of facilities. Forty construction projects were funded for $52,081,807, with other projects still in the planning stage. Information showing progress of various attendance areas toward realization of vocational schools is given in tabular form. (EM)

VT 008 281
A Report on a Summary and Recommendations Adapted from West Virginia Legislative Study of Vocational, Technical, and Adult Education Under House Concurrent Resolution Number 8 (1967).

Joint Committee on Government and Finance, Charleston, W.Va.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 35p.

SCHOOL SURVEYS; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *EDUCATIONAL IMPROVEMENT; EDUCATIONAL CHANGE; *EDUCATIONAL NEEDS; *EDUCATIONAL PLANNING
WEST VIRGINIA

House Concurrent Resolution No. 8 (1967) directed the Joint Committee on Government and Finance to review the status of vocational, technical, and adult education; to study the needs for these programs, the ways and means for program development, and the kinds of programs most feasible; and to make recommendations to the legislature. Staff members from the Division of Vocational Education collected data from education, industry, business, state agencies, and professional associations. Some of the 11 major recommendations derived from this data are: (1) Meaningful comprehensive general education needs to be included with occupational education curriculums, (2) The Division of Vocational Education should continue to develop curriculum and instructional materials, (3) Occupational education is needed for secondary students, high school graduates and dropouts, and adults, (4) Student personnel services should be provided to assure placement, follow-up, and employment services, and (5) An extensive plan of research and development in occupational education must be developed. (EM)

VT 008 514
Kingston, R.D.
Allied Health Education. Continuum and Consortium.

California Univ., Los Angeles. Allied Health Professions Project
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Apr69 19p.

Established educational institutions are being encouraged to develop health worker training programs formerly administered by hospitals. However, the problems are numerous: (1) Universities are dedicated to programs of at least baccalaureate level, (2) Community colleges often lack the financial support and expertise required, (3) Adequately trained faculty are in short supply, (4) High school students are not attracted to health occupations because many offer only a dead end with little opportunity for advancement from one skill level to another, (5) High school counselors find it difficult to keep abreast of developments, (6) Institutional segregation of programs (for example: associate degree programs in community colleges and baccalaureate programs in senior institutions) complicate upgrading, (7) Traditionally, each professional area has developed its own accreditation standards so that efforts involving core curriculum frequently run into roadblocks. A continuum is recommended which would begin with occupational information in the junior high school, continue with further exploration and training for entry level positions at the high school level, move to higher level training using core curriculum at the associate degree level, and provide for progression to the baccalaureate and higher degrees. The continuum should be supported by a consortium including the public schools, community colleges, senior educational institutions, medical schools and hospitals. (JK)

VT 008 545
Procedures for Establishing Area Vocational Schools in Indiana.

Indiana State Dept. of Public Instruction, Terre Haute
MF AVAILABLE IN VT-ERIC SET.
Vocational Instructional Materials Laboratory, School of Technology, Indiana State University, Terre Haute, Indiana 47809 ($.50).
Pub Date - Dec67 63p.

*EDUCATIONAL LEGISLATION; *GUIDELINES; EDUCATIONAL FACILITIES; ADMINISTRATIVE ORGANIZATION; PROGRAM BUDGETING; ADMINISTRATOR GUIDES; SCHOOL DISTRICTS
INDIANA

This document provides guidelines and procedures to assist prespective area school district officials in determining the steps required and in preparation of necessary documents for implementing the establishment of area vocational school districts in Indiana. Indiana's philosophy is that area vocational centers should be initiated, organized, and operated to strive toward fitting graduates for gainful employment and improving skills of employed workers. Continuity between the area vocational center and the home high school can be achieved through a shared-time arrangement with the student taking vocational subjects at the area school and academic subjects at his home school. Included in this document is a step-by-step procedure for approval of area vocational schools. (CH)

VT 008 640
What Is Vocational Education? Alaska Looks at Vocational Education to See How It Is Needed in This State.

Alaska State Dept. of Education, Juneau. Div. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Alaska State Department of Education, Division of Vocational Education, Pouch F, Juneau, Alaska 99801 (no charge).
Pub Date - 66 27p.

*VOCATIONAL EDUCATION; *PROGRAM DESCRIPTIONS; COURSE DESCRIPTIONS; TEACHER QUALIFICATIONS; *PROGRAM ADMINISTRATION; COMMUNITY COLLEGES; EDUCATIONAL PLANNING; EDUCATIONAL SUPPLY; *EDUCATIONAL NEEDS; HIGH SCHOOLS
ALASKA

The potential contributions of vocational education to the citizens of Alaska are briefly described. Vocational education for adults, pertinent legislation, program operation details, and the planning of a vocational education program are discussed. Brief sections describe the occupations to be served and course and instructor requirements for each occupation. (FP)

VT 009 750 ED 034 844
Report of a National Study of Cytotechnologists: Education and Performance Relationships.

National Council on Medical Technology Education, Memphis, Tenn.
National Committee for Careers in Medical Technology, Washington, D.C.
EDRS PRICE MF-$0.75 HC-$7.55
National Council on Medical Technology Education, 9650 Rockville Pike, Bethesda, Maryland 20014 (no charge).
Pub Date - Jun68 149p.

*HEALTH OCCUPATIONS EDUCATION; CYTOTECHNOLOGISTS; *OCCUPATIONAL TESTS; *CERTIFICATION; SCIENCE COURSES; FACULTY; CURRICULUM

To obtain baseline information about the relationship among performances in education programs, certification examinations, and working situations, the 358 cytotechnologists who took the 1965 certification examination in exfoliative cytology were selected for study. Based on questionnaires and other information concerning education and clinical experience, some conclusions were: (1) Almost all of the 306 cytotechnologists for whom information about college science courses was available had credit hours on at least one basic biological science; more than 60 percent took courses in inorganic chemistry, bacteriology, and mathematics; half or fewer had credit in anatomy, physiology, organic chemistry, physics, and other science courses, (2) There was a tendency for those who passed the certification examination to have credit hours in a greater variety of science courses and to receive satisfactory grades in these courses than those who failed the certification examination, (3) There was a direct relationship between evaluations of clinical study and performance in the certification examination, and (4) A higher percentage of failures occurred among cytotechnologists who began their clinical study between 1958 and 1961. (JK)

VT 009 764 ED 035 718
Guidelines for Program Development and Evaluation; Vocational Diploma, Associate Degree.

Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
EDRS PRICE MF-$0.50 HC-$3.30
Pub Date - 10Jul68 64p.

*GUIDELINES; *PROGRAM DEVELOPMENT; *VOCATIONAL EDUCATION; *ADULT VOCATIONAL EDUCATION; TECHNICAL EDUCATION; ASSOCIATE DEGREES
*WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION

The document includes three major parts. The first presents general information on the philosophy and objectives underlying vocational, technical, and adult education in Wisconsin and the roles of the state, districts, and schools. The second part presents guidelines for associate degree programs. Included are: (1) criteria, (2) curriculum, (3) plans and policies for accreditation, (4) procedures for program approval, (5) program evaluation procedures, (6) outline for self-study, (7) procedures for formulating evaluation committees, (8) district's responsibility for evaluation committee arrangements, (9) general program evaluation schedule, (10) committee instructions for program evaluation, (11) sub-committee assignments for program evaluation, and (12) a checklist for program evaluation. The third part of the document presents guidelines for vocational diploma programs, including diploma program criteria and procedures for new full-time diploma program approval. The state office forms for new program approval and guidelines for review of a comprehensive district are appended. (JK)

VT 009 839 ED 034 863
Barlow, Melvin L.; Reinhart, Bruce
Profiles of Trade and Technical Leaders: Comprehensive Report.

California Univ., Los Angeles. Div. of Vocational Education
California State Dept. of Education, Sacramento. Bureau of Industrial Education
EDRS PRICE MF-$1.50 HC-$17.95
Pub Date - 69 357p.

*ADMINISTRATOR CHARACTERISTICS; *ADMINISTRATOR BACKGROUND; *TRADE AND INDUSTRIAL EDUCATION; *ADMINISTRATIVE PROBLEMS; TECHNICAL EDUCATION; STATE SURVEYS; EDUCATIONAL PROBLEMS; QUESTIONNAIRES; TABLES (DATA)
CALIFORNIA

To provide descriptive information to determine leader characteristics of trade and technical education leaders in California, a series of three questionnaires were used to collect data from over 250 persons and 30 interviews were conducted. Findings included: (1) The median age was 48.56 years, (2) Over 50 percent had a degree when they started to teach and slightly over 75 percent when they entered supervision and/or administration, (3) Median salary was $15,344, (4) About 85 percent spent all their time in coordination, supervision, and/or administration, and (5) Meetings, report writing, and coordinating were the most often-reported activities. Fifteen major issues were identified and 10 solutions were rated by 239 leaders. Some of these issues and highest rated solutions were: (1) The status of vocational education can be improved by orienting counselors to its values, (2) Federal efforts can be more effective by increasing flexibility, (3) Inservice education can resolve shortages of qualified vocational education teachers, (5) Involvement in counseling programs will help relationships between academic and vocational education teachers. A summary of this report is available as VT 007 615 (ARM Summer 1969). A similar study on teacher profiles is available as ED 019 457 (VT 002 572, ARM Spring 1969). (GR)

VT 009 842 ED 035 724
Ward, Darrell; Miller, Aaron J.
Second National Leadership Development Seminar for State Directors of Vocational Education. Final Report. Leadership Series No. 23.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.75 HC-$6.80 OEG-3-7-000158-2037 08
BR-7-0158
The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 ($2.50).
Pub Date - Nov69 134p.

*VOCATIONAL EDUCATION; *EDUCATIONAL PLANNING; SYSTEMS APPROACH; GOVERNMENT ROLE; BUSINESS ADMINISTRATION; *CONFERENCE REPORTS; LEADERSHIP TRAINING; SEMINARS; *VOCATIONAL DIRECTORS; MASTER PLANS
DELPHI TECHNIQUE; PROGRAM EVALUATION AND REVIEW TECHNIQUE PLANNING, PROGRAMING AND BUDGETING SYSTEMS; *MASTERS PLANNING FOR STATE PROGRAMS OF VOCATIONAL TECHNICAL EDUCATION, COLUMBUS, OHIO, SEPTEMBER 16-17, 1969; THE NATIONAL ASSOCIATION OF STATE DIRECTORS OF VOCATIONAL EDUCATION; THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION, THE OHIO STATE UNIVERSITY

More than 100 state directors and other leaders in vocational and technical education attended the seminar designed to provide assistance to state directors in their leadership role in state-wide planning for

vocational and technical education. Papers included in the report are: (1) "Long-Range Planning in Government" by DeMarquis D. Wyatt, (2) "Control Data's Interactive Planning System: Long-Range Planning in Business" by Curtis W. Fritze, (3) "A Caul to Vision: Long-Range Planning in Education" by Ewald B. Nyquist, (4) "Manpower Development--Who Will Have the Responsibility" by Lowell A. Burkett, (5) "Planning Within the Power Structure" by John A. Beaumont, (6) "Political Aspects of Planning" by B. Dean Bowles, (7) "Congressional and Legislative Liaison" by Arthur M. Lee, (8) "Project Planning and Control Through PERT" by Desmond L. Cook, (9) "Planning, Programming and Budgeting Systems" by Joseph F. Malinski, and (10) "The Delphi Technique" by Donald P. Anderson. Sub-group work session reports are also included. (JK)

VT 009 864 ED 036 621
The Proprietary School in Oregon; A Committee Report.

Oregon Educational Coordinating Council, Salem
EDRS PRICE MF-$0.25 HC-$1.45
ECC: 13-69 (5)
Pub Date - Apr69 27p.

*PROPRIETARY SCHOOLS; *VOCATIONAL SCHOOLS; *EDUCATIONAL COORDINATION; *EDUCATIONAL PLANNING; ACCREDITATION (INSTITUTIONS); *STATE PROGRAMS
OREGON

This report of the Special Ad Hoc Committee on Private Vocational Schools, created in 1968 by the Educational Coordinating Council, presents information regarding accreditation of private schools, service provided by these schools, and official recognition of the schools. Recommendations were: (1) representation of proprietary schools on the Educational Coordinating Council, (2) provision by the Council for annual reporting by proprietary schools in a form comparable for that followed by other segments of education, (3) representatives on the Research and Management Data Committee of the Council, and (4) recognition by the state of the accrediting associations for proprietary schools which are recognized by the United States Office of Education. (JK)

VT 009 887 ED 035 726
Annual Report on Dental Auxiliary Education, 1967/68.

American Dental Association, Chicago, Ill.
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS.
American Dental Association, Council on Dental Education, Suite 1814, 211 East Chicago Avenue, Chicago, Illinois 60611 (no charge).
Pub Date - 68 24p.

*HEALTH OCCUPATIONS EDUCATION; *DENTAL HYGIENISTS; *DENTAL ASSISTANTS; *DENTAL TECHNICIANS; *STATISTICAL DATA; EDUCATIONAL RESOURCES; ENROLLMENT; PROGRAM LENGTH; DEGREES (TITLES); EDUCATIONAL BACKGROUND; GEOGRAPHICAL DISTRIBUTION

Information in tabular form on dental hygiene, dental assisting, and dental laboratory technology programs includes: (1) basic information about the programs, (2) undergraduate enrollment as of October 1967, (3) preadmission training of students, (4) the number and distribution of graduates over the past several years, and (5) admission data on students. For dental hygiene programs, information on undergraduate enrollment for 1960-67 and on distribution of students 1967-68 for the United States and Canada are also included. [Not available in hard copy due to marginal legibility of original document]. (JK)

VT 009 910 ED 034 872
Manpower for the Medical Laboratory. Public Health Service Publication No. 1833.

National Committee for Careers in Medical Technology, Washington, D.C.
Public Health Service (DHEW), Washington, D.C.
EDRS PRICE MF-$0.75 HC NOT AVAILABLE FROM EDRS.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS2.2:M31/8/967, $.75).
Pub Date - Oct67 129p.; Proceedings of the National Conference on Education and Career Development of the National Committee for Careers in Medical Technology (College Park, Md., Oct 11-13, 1967).

*HEALTH OCCUPATIONS EDUCATION; PROFESSIONAL EDUCATION; *LABORATORY TECHNOLOGY; *MANPOWER NEEDS; FEDERAL LEGISLATION; *HEALTH SERVICES; SOCIOECONOMIC INFLUENCES; *CONFERENCE REPORTS
*THE NATIONAL CONFERENCE ON EDUCATION AND CAREER DEVELOPMENT OF THE NATIONAL COMMITTEE FOR CAREERS IN MEDICAL TECHNOLOGY, COLLEGE PARK, MARYLAND, OCTOBER 11-13, 1967

Two hundred individuals attended the 3-day conference planned to provide an opportunity for members of various disciplines to review some of the forces that are changing manpower requirements and to explore ways of staffing medical laboratories that will serve America's health needs more effectively. Presentations included in the document are: (1) "Recruitment--A Part of the Life-Long Education of the Medical Laboratory Professional" by Kevin P. Bunnell, (2) "The Social and Economic Outlook" by Eli Ginzberg, (3) "The Medical Laboratory: A Look into the Future" by Ivan L. Bennett, (4) "Changing Patterns in Education" by George A. Wolf, and (5) "Health Legislation as It Affects Medical Laboratory Manpower" by Paul G. Rogers. Discussion group reports are also included. Sixteen conference recommendations relate to such matters as: (1) a study of skill and manpower requirements, and realignment of laboratory career categories and related educational levels in keeping with the findings of the study, (2) a formulation of a uniform laboratory workload reporting system to assist in projecting manpower needs, (3) recruitment efforts, (4) upgrading of elementary and high school science education, and (5) development and strengthening of vocational school, junior college, college, and university educational programs. (JK)

VT 009 928 ED 034 876
A Guide for the Development of Consumer and Homemaking Education.

Nebraska Univ., Lincoln. Dept. of Home Economics Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$3.40
Pub Date - 69 66p.

*CONSUMER EDUCATION; *PROGRAM DEVELOPMENT; *PROGRAM PLANNING; GUIDES; CONFERENCE REPORTS; *HOMEMAKING EDUCATION; *HOME ECONOMICS EDUCATION; EDUCATIONAL LEGISLATION; FEDERAL LEGISLATION; ANCILLARY SERVICES; PROGRAM EVALUATION; SCHOOL ROLE
*VOCATIONAL EDUCATIONAL AMENDMENTS OF 1968

The impetus for the national conference on consumer and homemaking education which resulted in this guide was provided by Part F of the Vocational Education Amendments of 1968, which recommended the expansion and redirection of consumer and homemaking education. The main body of this guide consists of papers presented by the task force and revised in light of suggestions received at the national meeting and at regional clinics.

Topics include: Programs for In-School Youth, Programs for Out-of-School Youth and Adults, Ways of Working with Different Individuals, Agencies, and Institutions to Attain the Intent of the Law, Ancillary Services and Activities to Insure Quality in Homemaking Education Programs, and Evaluation of Programs. Also, four papers dealing with topics of persons to be served in the inter-city, urban, and rural areas, consumer information needs of families, and the school's role in consumer education are appended. Selected references are given. (CH)

VT 009 944 ED 036 623
The Urban Planner in Health Planning.

American Society of Planning Officials
Public Health Service (DHEW), Washington, D.C. Community Health Service
EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS2.2:UR1/4, $1.00).
Pub Date - 68 93p.

*HEALTH SERVICES; *INTERAGENCY COOPERATION; INTERAGENCY COORDINATION; FIELD STUDIES; QUESTIONNAIRES; FEDERAL LEGISLATION; BIBLIOGRAPHIES; *CITY PLANNING; *HEALTH FACILITIES

Urban planning agencies are presently playing a role in planning for community health services and facilities, and could increase this role in the future. Data gathered from published information, questionnaires, and field studies are used to: (1) describe and analyze the health service and facility planning currently being done by urban planning agencies and offers a series of recommendations demonstrating how health planning can be integrated more effectively into the programs of urban planning agencies, (2) describe and analyze the working relationships that exist between selected urban planning agencies and various health planning organizations, offering a series of recommendations to improve future relationships, and (3) provide basic information on the major issues in health and problems of health planning to aid urban planning agencies in understanding the most important aspects of community health systems. (JK)

VT 009 993 ED 034 888
Notes and Working Papers from the National Conference on Cooperative Vocational Education; Implications of the 1968 Amendments (Minneapolis, Minn., Feb. 26-28, 1969).

Minnesota Univ., Minneapolis
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$1.00 HC-$10.30
Pub Date - Feb69 204p.

*CONFERENCE REPORTS; *COOPERATIVE EDUCATION; PROGRAM PLANNING; PROGRAM DEVELOPMENT; PROGRAM ADMINISTRATION; INTERAGENCY COORDINATION; *FEDERAL LEGISLATION; FINANCIAL SUPPORT; SCHOOL INDUSTRY RELATIONSHIP; CULTURALLY DISADVANTAGED; AGRICULTURAL EDUCATION
*VOCATIONAL EDUCATION AMENDMENTS OF 1968; NATIONAL CONFERENCE ON COOPERATIVE VOCATIONAL EDUCATION, MINNEAPOLIS, MINNESOTA, FEBRUARY 26-28, 1969

About 200 representatives of business, industry, labor, government, education, and community interests from across the nation participated in the conference which was planned to provide for further development of understandings, abilities, skills and appreciations of those persons responsible for comprehensive programs of vocational-technical education. The report includes a chart which outlines the provisions of Public Law 90-576 relating to cooperative vocational education, abstracts of major papers, recommendations regarding clarification of state plan requirements under Part G of Section 173 of the 1968 amendments, and recommendations for planning and operating cooperative programs. Major papers presented by the consultants include: (1) Congressional Expectations of Cooperative Vocational Education, (2) The Silent Field and the Dark Sun, (3) The Employer's Role in Cooperative Occupational Education, (4) The School's Role in Cooperative Occupational Education, (5) The Community Role in Cooperative Vocational Education, (6) A Comparative Study of Two Concurrent Work-Education Models in Agriculture, and (7) An abstract of "Interpretive Study of Cooperative Efforts of Private Industry and the Schools to Provide Job-Oriented Education Programs for the Disadvantaged." (JK)

VT 010 058 ED 035 737
Annual Report on Dental Auxiliary Education, 1968/69.

American Dental Association, Chicago, Ill. Div. of Educational Measurements
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS.
American Dental Association, Council on Dental Education, Suite 1814, 211 East Chicago Avenue, Chicago, Illinois 60611 (no charge).
Pub Date - 69 16p.

*HEALTH OCCUPATIONS EDUCATION; *DENTAL HYGIENISTS; *DENTAL ASSISTANTS; *DENTAL TECHNICIANS; ENROLLMENT; PROGRAM LENGTH; DEGREES (TITLES); *STATISTICAL DATA; EDUCATIONAL BACKGROUND; EDUCATIONAL RESOURCES; GEOGRAPHICAL DISTRIBUTION

Information in tabular form on dental hygiene, dental assisting, and dentist laboratory technology programs includes: (1) basic information about the programs, (2) preadmission training of students, and (3) admission data on students. For dental hygiene programs, information on undergraduate enrollment as of October 15, 1968 and distribution of undergraduate students 1968-69 for the United States and Canada are also included. The introduction presents additional statistics for 1962 to 1968 and points up some important statistics: (1) 85 schools offered dental hygiene programs in the United States in 1968 (a 21 percent increase) to 5,187 students (a 20 percent increase), and most commonly awarded in associate degree, (2) There were 134 dental assisting programs in 1968 (a 33 percent increase) and a student enrollment of 4,475 (a 17 percent increase), (3) Programs varied in length from 27 weeks to 80 weeks with 55 percent of the programs approximating one academic year, and (4) The number of schools offering dental laboratory technology programs increased from 15 to 19 between 1967 and 1968 and enrollment increased 10 percent for a total of 803. [Not available in hard copy due to marginal legibility of original document]. (JK)

CURRICULUM
SECTION

VT 002 393
Jordan, M.
Vision and Revision: Report of a Curriculum Revision Project in a Practical Nursing Program.

National League for Nursing, New York, N.Y. Dept. of Practical Nursing Programs
MF AVAILABLE IN VT-ERIC SET.
National League for Nursing, 10 Columbus Circle, New York, New York 10010 ($.50).
Pub Date - 66 13p.; Paper presented at the Council of Member Agencies of the Department of Practical Nursing Programs (San Francisco, California, May 4, 1965).

*HEALTH OCCUPATIONS EDUCATION; *PRACTICAL NURSING; *CURRICULUM DEVELOPMENT; PRACTICAL NURSES; BEHAVIORAL OBJECTIVES; CLINICAL EXPERIENCE

Faculty at Sacred Heart School of Practical Nursing in Milwaukee, Wisconsin, believe there is a difference between revision forced by outside pressures and the integral change stimulated by faculty involvements in projects such as their curriculum study. Six overlapping stages resulted in curriculum revision: (1) Education behavioral objectives were stated, (2) Learning experiences were identified which would provide opportunities for the student to meet nursing needs of patients in selected situations, to function in common types of health agencies, and to function as a progressing learner, (3) Types of situations in which essential learning experiences could be secured were identified, (4) From the situations selected, concepts and abilities basic to successful performance were abstracted, (5) The concepts and abilities were organized into broad areas, and (6) The group-related concepts and abilities were organized into courses. The resulting curriculum was a 1-year program organized into an introduction term, a first term, and a second term. Nursing as the central course was the guide for the arrangement of courses in physical health and disease, family development, and personal and vocational development. (JK)

VT 004 015
Civil Engineering Technology, Educational Needs of the Technical Worker.

California State Dept. of Education, Sacramento
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 63 17p.

*TECHNICAL EDUCATION; *SUBPROFESSIONALS; *JUNIOR COLLEGES; *EDUCATIONAL NEEDS; CURRICULUM PLANNING; JOB ANALYSIS; EMPLOYMENT OPPORTUNITIES; OCCUPATIONAL INFORMATION; OCCUPATIONAL SURVEYS
*CIVIL ENGINEERING TECHNOLOGY; CALIFORNIA

Civil engineering technical workers perform duties directly related to planning and supervising construction activities including estimating, purchasing, surveying, preparing specifications, drafting and designing. Job operational analysis reveals that civil engineering technical workers spend 57 percent of their work time in the performance of activities unique to the civil engineering field. Other operations include: (1) supervising, appraising, and training subordinates, 12 percent, (2) inspecting production work of others, 8 percent, (3) planning research and construction operations, 13 percent, and (4) coordinating construction operations functions with other departments, 10 percent. Subject matter recommendations of industrial spokesmen, given in semester units, are: (1) civil engineering, 15, (2) physical science, 16, (3) mathematics, 9, (4) drafting and blueprint reading, 7, and (5) communications and supervision, 9. Surveys indicate industry expects to recruit a substantial portion of civil engineering technical workers from junior colleges. This booklet is part of a series containing information and recommendations designed to assist California junior colleges in developing occupation-centered curriculums. (HC)

VT 005 153 ED 036 607
The Application of Criteria in Practical Nursing Programs: Papers Presented at the Conference of the Council of Member Agencies of the Department of Practical Nursing Programs (5th, Chicago, Illinois, May 5-6, 1966).

National League for Nursing, New York, N.Y. Dept. of Practical Nursing Programs
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS.
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($1.25).
Pub Date - 66 37p.

*SPEECHES; *HEALTH OCCUPATIONS EDUCATION; *PRACTICAL NURSING; *EDUCATIONAL OBJECTIVES; CURRICULUM DEVELOPMENT; STUDENT EVALUATION
NATIONAL LEAGUE FOR NURSING; NLN; *CONFERENCE OF THE COUNCIL OF MEMBER AGENCIES OF THE DEPARTMENT OF PRACTICAL NURSING PROGRAMS, CHICAGO, MAY 5-6, 1966

Papers include: (1) "Does What We Believe Make a Difference in What We Teach, in When We Teach It, and in How We Teach It?" by Vivian M. Culver, (2) "A Program Has a Destination: The Why of Objectives" by Vivian M. Culver, (3) "Organization, Administration, and Curriculum" by Pearl Zemlicka, and (4) "Evaluation of Student Clinical Performance" by Bernadette Parker. (JK)

VT 007 316 ED 036 609
Design for Learning; 1967 Summer Institute of Technology for Children.

Helen L. Beeler School, Marlton, N.J.
New Jersey State Dept. of Education, Trenton. Div. of Vocational Education
Ford Foundation, New York, N.Y.
DOCUMENT NOT AVAILABLE FROM EDRS.
Technology for Children Project, Division of Vocational Education, New Jersey State Department of Education, 225 West State Street, Trenton, New Jersey 08625.
Pub Date - 68 37p.

*INDUSTRIAL ARTS; *CURRICULUM DEVELOPMENT; CURRICULUM RESEARCH; *EDUCATIONAL INNOVATION; *INSTITUTES (TRAINING PROGRAMS); *ELEMENTARY GRADES; ELEMENTARY SCHOOL CURRICULUM; TEACHER EXPERIENCE; TEACHER EDUCATION
*TECHNOLOGY FOR CHILDREN PROJECT

This book is a description of a summer institute of the Technology for Children Project which was designed to help teachers combine technological activities with regular academic lessons for children in grades K-6. Included are: (1) the three institute goals which were to orient elementary classroom teachers, to develop guidelines for tool-material activities, and to demonstrate the tool-material experiences, (2) a film narration, and (3) two presentations, entitled "Strategy for Change," by Elizabeth Hunt, and "Effecting Change Through the Elementary Classroom Teacher: Institute Phase," by E. Arthur Stunard. A list of available publications is appended. (GR)

VT 007 561 ED 034 018
Schrag, Adele F.
Data Processing Education in the Schools of Pennsylvania, 1967-1968.

Temple Univ., Philadelphia, Pa. Dept. of Business Education
Pennsylvania State Dept. of Public Instruction, Harrisburg. Bureau of Vocational, Technical and Continuing Education
EDRS PRICE MF-$0.50 HC-$6.40
Pub Date - Aug68 126p.

*DATA PROCESSING; *BUSINESS EDUCATION; *STATE SURVEYS; TECHNICAL EDUCATION; *PROGRAM CONTENT; SECONDARY SCHOOLS; VOCATIONAL SCHOOLS; UNIVERSITY EXTENSION; COMMUNITY COLLEGES; TEACHER EDUCATORS
PENNSYLVANIA

All Pennsylvania high schools, vocational-technical schools, community colleges, and 2-year extensions of Pennsylvania University were studied to determine what data processing content was being taught in the schools and to assess whether a need existed to train teachers of data processing or to improve the training of those now involved in teaching classes. The first questionnaire was used to gather data about types of courses, availability of unit record equipment, availability of computers for students' use, and name of instructor; a total of 582 questionnaires (81 percent) were returned. The second questionnaire was used to secure course content, objectives, and actual utilization of equipment, and 151 of 153 forms (98 percent) were returned. Ten conclusions and seven recommendations based on the conclusions are given. (GR)

VT 008 603
Annual Central Regional Research Conference in Agricultural Education (21st, August 1-3, 1967).

Ohio State Univ., Columbus. Dept. of Agricultural Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Aug67 26p.

*CONFERENCE REPORTS; *AGRICULTURAL EDUCATION; *EDUCATIONAL RESEARCH; *CURRICULUM DEVELOPMENT; *EDUCATIONAL NEEDS; SPEECHES; COMMITTEES; RESEARCH TOOLS; INFORMATION DISSEMINATION
*CENTRAL REGIONAL RESEARCH CONFERENCE IN AGRICULTURAL EDUCATION, COLUMBUS, OHIO, AUGUST 1-3, 1967

Major presentations at an annual central regional research conference in agricultural education attended by 46 participants from 11 states were: (1) "Curriculum Research and Development in Education," by J.R. Frymier, (2) "Curriculum Research in Agricultural Education," by J.R. Warmbrod, (3) "Using PERT Technique in Curriculum Development," by D.L. Cook, (4) "A Research Effort in Curriculum Development for Industrial Education," by W.E. Ray, (5) "Improving Curriculum Planning: An Approach," by J. Coffy, (6) "Research Development in Agricultural Education in the North Atlantic Region," by G.Z. Stevens, (7) "Developments in Curriculum Research for Agricultural Education at the Center," by J.W. Hensel, (8) "Dimensions in Leadership and Response to Supervision," by R.M. Stogdill, (9) "ERIC's Potential as a Research Tool," by R.H. White, (10) "Directions We Should Take in Curriculum Development in Agricultural Education," by G.M. Love, and (11) "A Basic Need in the Preparation of Teaching Materials to Help Vocational Teachers Prepare to Teach," by G. Luster. Some included committee reports are: (1) Curriculum for High School Production Agriculture, (2) Curriculum for High School Off-Farm Agricultural Occupations, (3) Curriculum for Continuing Education in Agriculture, (4) Curriculum for Technical Education, and (5) Curriculum for Teacher Education in Agriculture. (DM)

VT 008 972
Report of States' Aviation Education Programs.

Aviation Distributors and Manufacturers' Association, Philadelphia, Pa. Aviation Education Committee
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jun67 6p.

*AVIATION TECHNOLOGY; *EDUCATIONAL PROGRAMS; *NATIONAL SURVEYS; INTERVIEWS; ELEMENTARY SCHOOLS; SECONDARY SCHOOLS; INTERAGENCY COOPERATION; POST SECONDARY EDUCATION; HIGHER EDUCATION; OCCUPATIONAL INFORMATION

Association members conducted interviews with aviation and education officials in the 50 states. Arizona, California, Iowa, Illinois, Montana, Nebraska, Ohio, Tennessee, Wisconsin, and Wyoming appeared advanced in aviation education; however, comprehensive statewide programs at even a single educational level were the exception. At the secondary level, programs are in operation in at least one school in the majority of the states. Hawaii and Tennessee have rather complete programs; Wisconsin has a statewide program for high school seniors; Nebraska has a program operating in 35 schools and co-sponsored by the State Departments of Aeronautics and Education and the State University. There has been little activity in technical schools although New Jersey has had a program for 15 years. Activity in colleges and universities has been considerable. California has courses in 60 schools and 10 other states offer courses in three or more schools. All Ohio branch colleges offer elementary courses while the state universities have extensive programs and The Ohio State University an aeronautical engineering curriculum. Miami University of Ohio offers a Master's Degree in aviation education. Recommendations for industry activities include: (1) sponsoring teacher workshops, (2) developing a comprehensive program at each educational level, and (3) meeting with state aeronautics and education officials to encourage program development. (JK)

VT 009 169
Fuller, Richard, And Others
Directory of Courses Offered in Area Vocational-Technical Schools.

Minnesota State Dept. of Education, St. Paul
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 69 435p.

*AREA VOCATIONAL SCHOOLS; *COURSE DESCRIPTIONS; *DIRECTORIES; *VOCATIONAL COUNSELING; ADMISSION (SCHOOL); STUDENT COSTS
MINNESOTA

Current information on more than 500 courses offered in 26 area vocational-technical schools in Minnesota is provided for use by students, parents, and counselors. Two alphabetical listings of the content increase the directory's utility: a short listing by school, of course offerings, and a long listing by course title, including a course description. Information given for each course includes course title, name, address and telephone number of school, admission dates, nature of work, job opportunities, course description, length of course, helpful high school courses, personal qualities, personal equipment needed, and expenses. Periodic updating of the information is planned. (CH)

VT 009 260 ED 034 023
Pratzner, Frank Charles
Testing an Empirical Procedure for Identifying Technical Associative Conceptual Structure: Discriminating Between Workmen Within and Between Two Occupations.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - Jul69 242p.

DOCTORAL THESES; BIBLIOGRAPHIES; *TRADE AND INDUSTRIAL EDUCATION; COMPARATIVE ANALYSIS; COMMUNICATIONS; *ASSOCIATION TESTS; *VALIDITY; INDUSTRY; WORD LISTS; WORD RECOGNITION; STRUCTURAL ANALYSIS; TECHNICAL EDUCATION; *TABLES (DATA); *FACTOR ANALYSIS

The study assessed similarities and differences between flexible (capable of performing a greater range of repair tasks) and inflexible radio communications equipment repairmen and workers, and investigated the ability of the empirical procedure to yield a composite technical conceptual structure for the combined groups of workers. Workers were asked to respond to a random sample of common and specific technical electronic word-concepts with as many technical words as possible in 1 minute. Comparisons were made by a special computer program and matrices of associative commonality measures obtained and factor analyzed. Findings included: (1) Associative meanings for one-fourth of the stimulus word-concepts were significantly different for the two groups of repairmen, (2) Flexible communications repairmen gave more responses and had a larger technical vocabulary than inflexible workers, (3) Flexible workers were significantly different for 27 percent of the common technical stimulus words sampled, and (4) Both groups of flexible workers had significantly similar associative meanings for 31 percent of the common technical vocabulary. This Ph.D. dissertation was submitted to The University of Minnesota. (GR)

VT 009 409 ED 034 025
Parks, Gerald Arthur
Industry-Education Mutual Involvement in Industrial Teacher Preparation and Upgrading.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - 69 371p.

*INDUSTRIAL EDUCATION; DOCTORAL THESES; BIBLIOGRAPHIES; INTERAGENCY COOPERATION; *TEACHER EDUCATION; *PROGRAM EVALUATION; QUESTIONNAIRES; *EDUCATIONAL IMPROVEMENT

The study identifies and describes prevailing patterns and promising practices of joint participation between teacher education institutions and the industries of the United States in initial preparation of industrial education teachers or in upgrading those already in service. A survey of 125 chairmen of industrial education departments provided the initial data about joint participants. A panel of experts selected 12 plans at nine different institutions for in-depth study. Seven major conclusions were drawn from the study and 18 specific recommendations were formulated. This D.Ed. dissertation was submitted to Wayne State University. (GR)

VT 009 491 ED 033 232
DCVR Projects Related to Adult Education, and Projects Related Wholly or Partially to Office and Distributive Occupations, July 1, 1964-June 30, 1969.

Office of Education (DHEW), Washington, D.C. Div. of Comprehensive and Vocational Education Research
EDRS PRICE MF-$0.25 HC-$0.85
Pub Date - 7Jun69 15p.

*BIBLIOGRAPHIES; *EDUCATIONAL RESEARCH; *OFFICE OCCUPATIONS EDUCATION; *DISTRIBUTIVE EDUCATION; *ADULT EDUCATION
*DIVISION OF COMPREHENSIVE AND VOCATIONAL RESEARCH; DCVR; OFFICE OF EDUCATION (USOE)

During the period from July 1,1964 to June 30, 1969 the Division of Comprehensive and Vocational Education Research initiated a total of 33 projects related to curriculum development in office and distributive occupations and 38 projects related to adult education. These projects are itemized within their respective categories according to the project numbers assigned by the funding agency. Some project activities are still underway and the final report is not yet available through the ERIC system. Project activities which have been completed, and for which the final report is now available, are listed by ED number, indicating availability through the ERIC system. Instructions are given for ordering copies of these reports in either microfiche or hard copy. (CH)

VT 009 902 ED 034 870
Walsh, Joan E.
An Approach to the Teaching of Psychiatric Nursing in Diploma and Associate Degree Programs: Final Report on the Project.

National League for Nursing, New York, N.Y. Research and Development
National Inst. of Mental Health (DHEW), Bethesda, Md.
EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS.
Pub. No. 19-1361
National League for Nursing, 10 Columbus Circle, New York, New York 10019 (Publication Number 19-1361, $2.50).
Pub Date - 69 126p.

*NURSING; *HEALTH OCCUPATIONS EDUCATION; *PSYCHIATRY; MENTAL HEALTH; *CURRICULUM; NURSES; *TECHNICAL EDUCATION
NATIONAL LEAGUE FOR NURSING

The purpose of the project was to determine what goals, content, and learning experiences in psychiatric-mental health nursing should be included in diploma and associate degree education for nursing in the light of present-day trends in nursing and psychiatric care. The report follows the sequence of the project: (1) selection of associate degree and diploma programs to participate in the project, (2) assessment of the current offerings in psychiatric-mental health nursing in the selected programs, (3) identification of goals and selection of content and learning experiences through the participation of a group of clinically competent psychiatric nurses as project consultants, and (4) testing and evaluating the resulting method and materials in the participating programs by instructors prepared through a workshop. The final section presents evaluations of the project by participating programs and project staff. Appended are: (1) questionnaires utilized in the project, (2) a listing of questions discussed with consultants from associate degree and diploma programs, (3) a listing of terminal expected competencies, (4) a listing of operational definitions, (5) a bibliography, and (6) progress reports. (JK)

EMPLOYMENT AND OCCUPATIONS SECTION

VT 001 343
Pearce, Frank C.
Continuing Employment Through Training.

Stanislaus County Multi-Occupational Adult Training Project, Modesto, Calif.
MF AVAILABLE IN VT-ERIC SET.
Report-7.
Pub Date - Oct66 36p.

*VOCATIONAL FOLLOWUP; MANPOWER DEVELOPMENT; *ADULT VOCATIONAL EDUCATION; FEDERAL PROGRAMS; EMPLOYMENT STATISTICS; UNEMPLOYMENT; WAGES; *PROGRAM EVALUATION; *PROGRAM EFFECTIVENESS; EMPLOYMENT EXPERIENCE; JOB PLACEMENT; PARTICIPANT SATISFACTION
MODESTO; CALIFORNIA; *NEW HOPE PROJECT; STANISLAUS COUNTY MULTI OCCUPATIONAL ADULT TRAINING PROGECT

A computation of the rates of employment of trainees of the New Hope Project, a Manpower Training Project at Modesto, California, was made to determine the effectiveness of the program. Data were obtained by means of personal interviews of trainees at 3-, 6-, and 12-month intervals after training was completed. Of 1,006 trainees, 11 percent were enrolled in classes, 27 percent were not located, 15 percent were out of the labor force, 10 percent were unemployed, and 37.5 percent were employed. Of the 607 who had completed training, 316 were employed and 80 were unemployed. Conclusions were: (1) a 52 percent rate of employment is satisfactory when a program is trying to assist undereducated and unemployed adults with characteristics and background deficiencies as limiting as those encountered in the program, (2) A majority of trainees entered employment in a field that was related to their training and continued on a full-time basis, and (3) The earnings for the average trainee ($1.85 per hour) provided a favorable earning power when compared to the earnings of the subculture from which they came. (PS)

VT 002 429
Organized Training in Four Industry Groups, 1965.

Dominion Bureau of Statistics, Ottawa (Ontario). Education Div.
Canadian Dept. of Manpower and Immigration, Ottawa (Ontario)
DOCUMENT NOT AVAILABLE FROM EDRS.
Publications Distribution, Dominion Bureau of Statistics, Ottawa, Canada ($.75).
Pub Date - Dec67 66p.

*OCCUPATIONAL SURVEYS; *LABOR FORCE; *ON THE JOB TRAINING; *INDUSTRIAL TRAINING; *INDUSTRIAL PERSONNEL; FOREIGN COUNTRIES; QUESTIONNAIRES
*CANADA

This is the second in a series of reports designed to determine the extent to which Canadian industry is conducting organized on-the-job training. Questionnaires were returned by 11,900 establishments employing 15 or more persons. These establishments were manufacturers, public utilities, mining (including oil wells and quarrying), and transportation and communications. Twenty-six tables including summary statements for each are given. Some of these cover: (1) establishment size, (2) occupational levels, (3) training programs, (4) number of trainees, (5) training level, (6) industrial categories, (7) sex of trainees, (8) training staff organization, and (9) trainee assistance. The questionnaire is included. (EM)

VT 002 691
Health Manpower Requirements and Resources in Metropolitan Indianapolis, 1966-1971.

Indianapolis Hospital Development Association, Inc., Ind.
Public Health Service (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Oct67 71p.

*OCCUPATIONAL SURVEYS; *HEALTH OCCUPATIONS; HEALTH PERSONNEL; EMPLOYMENT STATISTICS; EMPLOYMENT PROJECTIONS; EDUCATIONAL RESOURCES; QUESTIONNAIRES
INDIANAPOLIS

As an initial step in a 5-year comprehensive manpower project, a questionnaire designed to inventory present health manpower needs and resources in the various personnel categories and to project needs through 1971 was sent to 75 agencies employing and training health workers with a 95 percent return. In addition, administrators were interviewed to determine the net loss in manpower by outmigration or abandonment of the health field. Some findings were: (1) Over 6,600 health workers were employed in 1966 and if current trends continue the community will face a shortage of over 3,500 by 1971, (2) Over one-third of those trained locally will leave the Indianapolis area before being employed, (3) More technician-level employees are needed, and (4) Some institutions are not participating sufficiently in the clinical phase of training. A plan to alleviate problems reported includes defining the health system, examining tasks currently performed, exploring realignment of tasks to educational programs, and improving organization of the health delivery system. (JK)

VT 003 433
Smith, Ashby G., Jr., And Others
Women Workers in Illinois.

Illinois State Dept. of Labor, Chicago. Bureau of Employment Security
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Aug64 122p.

*WORKING WOMEN; *LABOR FORCE; OCCUPATIONAL SURVEYS; *CENSUS FIGURES; STATISTICAL DATA; *STATISTICAL ANALYSIS; TABLES (DATA)
ILLINOIS

Statistical evidence demonstrates the increasing importance of women in the Illinois labor force during the past 20 years. Comparison shows that there has been a 73.9 percent increase in the natural work force participation rates of women and a 57.8 percent increase in the work force participation of Illinois women between 1940 and 1960. Women comprised 32.7 percent of the total Illinois work force in 1960 as compared with 32.1 percent nationally. Data about white and non-white women workers compiled from the U.S. 1960 Census of Population, in Illinois, the Occupational Wage Surveys, and the "1960 Handbook on Women Workers" are the basis of this document. Sample topics are marital status, age, occupation, employment and unemployment, work experience, occupational skills, and distribution of occupations in an industry. Graphs, charts, and 73 tables support the narrative. (FP)

VT 003 570
Trends and Turnover of Manpower In USDA.

Office of Personnel (DOA), Washington, D.C. Program and Policy Development Div.
MF AVAILABLE IN VT-ERIC SET.
MPP-1-67
Pub Date - Oct67 100p.

*EMPLOYMENT PATTERNS; *EMPLOYMENT PROJECTIONS; *EMPLOYMENT TRENDS; *EMPLOYMENT STATISTICS; *GOVERNMENT EMPLOYEES; FACULTY PROMOTION; PERSONNEL NEEDS
U.S. DEPARTMENT OF AGRICULTURE

In this second annual report, summaries of manpower data for 1966 for Department of Agriculture personnel were used to develop trend analyses and cumulate activity data for a 2-year period. No significant changes between 1965 and 1966 were noted in average age and length of service of employees. Average age of personnel in 1966 was 41.3 years and average length of service was 13.1 years. The percentage of employees eligible to retire increased each year from 1965 through 1967. During 1966, 20.8 percent of the permanent full-time employees received a promotion. The average time to advance from GS-5 to GS-13 was 11.9 years. During 1965 separations exceeded accessions by 485 persons, but in 1966 accessions topped separations by 2,451. The appendix contains 22 tables relating to distribution, agency breakdown, retirement, promotions, professional occupations, accession rates, separation rates, and recruitment needs for the years 1965 through 1967. (DM)

VT 003 595
Opportunities in Apprenticeship and Skilled Trades in Iowa.

Iowa State Manpower Development Council, Des Moines
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Apr67 55p.

*APPRENTICESHIPS; ON THE JOB TRAINING; *QUALIFICATIONS; WAGES; *SKILLED OCCUPATIONS; INSTRUCTION; *INFORMATION SOURCES; *OCCUPATIONAL INFORMATION
IOWA

Individuals can become familiar through this report with apprenticeship programs registered with the Bureau of Apprenticeship and Training in Iowa. Thirty-seven apprenticable occupations are described in terms of: (1) usual duties and responsibilities of the apprentice during training and while under supervision of a journeyman, (2) qualifications of age, physical prerequisites, and general academic requirements, (3) occupational Aptitude Pattern minimum scores, (4) length of apprenticeship, (5) wage rate, and (6) contact sources for additional information. Some of the apprentice programs and skilled trades described are: (1) auto-body repair, (2) blacksmiths, (3) cement finishers, (4) decorators and interior designers, (5) dental technicians, (6) lathers, (7) opticians, (8) plasterers, (9) truck and bus mechanics, and (10) typographical compositor. (HC)

VT 003 900
Terry, Geraldine B.; Bertrand, Alvin L.
The Labor Force Characteristics of Women in Low-Income Rural Areas of the South. Southern Cooperative Series Bulletin 116.

Louisiana Agricultural Experiment Station, Baton Rouge
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jan66 32p.

*WORKING WOMEN; *RURAL AREAS; *LABOR FORCE; *INDIVIDUAL CHARACTERISTICS; *LOW INCOME GROUPS; MANPOWER DEVELOPMENT; WORK ATTITUDES; LOW LEVEL ASPIRATION; WORK EXPERIENCE
LOW INCOME COUNTIES OF SOUTHERN STATES

This report studied the patterns of labor force participation of women in low-income rural areas and the way these patterns related to marital status, stages of the family life cycle, age, education, and level of living. The sample was drawn from Alabama, Kentucky, Louisiana, Mississppi, North Carolina, Tennessee and Texas, and included approximately 100 households per county and a total of about 2,500 households for the entire region. Data were collected by interviews with 1,908 households. Conclusions were that certain employment opportunities would represent a way out for rural people with low incomes and levels of living. Although these rural women are less educated, are slightly older, and are willing to work for relatively low wages, attitudes are not a block to gainful employment. These findings suggest that low-income rural communities will contribute to employed women power. (CH)

VT 003 974
Technological Change and Employment in the Automotive Industry.

Automobile Manufacturing Association, Detroit, Mich.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 65 12p.

*TECHNOLOGICAL ADVANCEMENT; *AUTO INDUSTRY; *EMPLOYER EMPLOYEE RELATIONSHIP; INDUSTRIAL STRUCTURE; INDUSTRIAL TRAINING; *PERSONNEL POLICY; VOCATIONAL ADJUSTMENT; JOB SATISFACTION

Technological change in the automotive industry has been a gradual, steady evolutionary process which has been both a cause and a result of the growth of the industry. The continued introduction of new methods and new machinery has been characteristic of the industry and the continuing process has been met with gradual improvement in work skills through on-the-job training and other programs to enrich employee capability. This procedure of adjustment by employers has not been permitted to lag behind the pace of technolgoical change. Both management and labor have recognized the need for successfully handling the problems associated with technological change and have cooperated in developing programs, policies, and procedures to ease employee adjustment. The benefits of sustained technological advancement have been shared by the industry and its employees through (1) an acceptance of changes as normal, (2) an orderly collective bargaining relationship to protect employee interests and security, (3) an investment in better tools, machinery, and equipment, (4) better organization and better management methods, and (5) an expanding output creating new jobs faster than old jobs have been eliminated. (HC)

VT 004 909 ED 034 841
Geographical and Occupational Mobility of Workers in the Aircraft and Electronics Industries, Regional Trade Union Seminar (Paris, 21st-22nd September, 1966). Final Report and Supplement.

Organisation for Economic Co-Operation and Development, Paris (France). Social Affairs Div.
EDRS PRICE MF-$1.25 HC-$14.95
OECD Publication Center, Suite 1305, 1750 Pennsylvania Avenue, Washington, D.C. 20006 ($2.00).
Pub Date - 67 297p.

*TECHNOLOGICAL ADVANCEMENT; *ECONOMIC CLIMATE; *AEROSPACE INDUSTRY; *ELECTRONICS INDUSTRY; *LABOR ECONOMICS; LABOR UNIONS; SEMINARS; MANPOWER UTILIZATION; POLITICAL ISSUES
BELGIUM; FRANCE; NETHERLANDS; UNITED KINGDOM

The trade unions in the European aerospace and electronics industries have become concerned with the sweeping and rapid economic and technical changes taking place in the industries. This seminar enabled trade union representatives from Belgium, France, the Netherlands, and the United Kingdom aerospace industry and the electronics sector working for the aircraft industry to discuss their problems and acquire an understanding of each other's attitudes and policies. The participants focused their argument upon the broad economic policies affecting the destiny of their respective national industries. The British delegation reported particularly upon the nature of the issues in their country and the alternatives they were considering to maintain employment for the present work force and the other three delegations supplied information on the issues in their countries. The outstanding conclusion to be drawn from these discussions is the high priority assigned by trade-unionists to broad economic and political policy when jobs are in danger and their expectations are being frustrated. Background papers, speeches, and supplementary papers are included. (HC)

VT 005 425
Martin, Cora Ann
Nebraska's Nurse Supply, Needs and Resources--1966.

Nebraska State Dept. of Health, Lincoln. Section of Hospitals and Medical Facilities
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Mar67 65p.

*OCCUPATIONAL SURVEYS; *SCHOOL SURVEYS; HEALTH OCCUPATIONS EDUCATION; *NURSING; HOSPITALS; PROFESSIONAL EDUCATION; SUBPROFESSIONALS; EMPLOYMENT STATISTICS; *MANPOWER NEEDS
NEBRASKA

In response to the Nebraska Nurses Association proposal of a timely study of the nursing situation and to the concern of the Governor's Committee on Medicare for overall health resources, an assessment was accomplished through data supplied by state and federal agencies and directions of schools of nursing. The deficit between supply and needs may be viewed from various angles: (1) The ratio of registered nurses to population for Nebraska was 337 per 100,000 as compared with the ratio of 350 per 100,000 recommended by the National League for Nursing and the United States Public Health Service, (2) There were ratios of one registered nurse per two hospital beds and one practical nurse for 8.7 hospital beds as compared with a Michigan League for Nursing recommendation of one registered nurse for 2.9 hospital beds and one practical nurse for 5.6 hospital beds, (3) In using the Surgeon General's Consultant Groups recommendations for educational preparation for various kinds of positions 22 percent of Nebraska's nurses are underprepared, (4) 103 out of 133 hospital administrators reported 168 budgeted and unfilled positions for RN's and 61 for licensed practical nurses, (5) Nebraska had one full-time public health nurse per 17,376 population as compared with the American Public Health Association recommendation of 1 to 5,000, (6) Schools of Nursing reported a deficit of 13 nurses with master's degrees and five with baccalaureate degrees. Although no programs for advanced degrees exist, educational facilities include three baccalaureate programs graduating 52 students in 1966, eleven diploma schools graduating 423, and four practical nurse schools graduating 161. Recommendations involve the issues of the attractiveness of educational programs, financial aid to students, the economy of larger schools, and nurses' salaries. (JK)

VT 006 158
Computers on the Factory Floor--A Layoff Study. Automation Program Report No. 2.

Bureau of Employment Security (DOL), Washington, D.C.
Wisconsin State Employment Service, Madison
MF AVAILABLE IN VT-ERIC SET.
WSES-3076
Pub Date - 63 39p.

*AUTOMATION; *TECHNOLOGICAL ADVANCEMENT; *JOB LAYOFF; *EMPLOYMENT POTENTIAL; JOB APPLICANTS; COMPARATIVE ANALYSIS; EMPLOYMENT QUALIFICATIONS; JOB PLACEMENT; EMPLOYMENT SERVICES; CLERICAL OCCUPATIONS; PROFESSIONAL OCCUPATIONS
WISCONSIN

To improve employment services provided to workers displaced by automation, a group of 115 clerical layoffs and 91 professional layoffs from a machinery fabrication firm were compared with a control group of 183 clerical applicants and 122 professional applicants selected from the files of the Milwaukee State Employment Office. Each case was reviewed by the project staff and rated on employability. A detailed analysis of job classifications of the two clerical groups and comparison of the kinds of skills represented in the two professional groups were made to estimate the impact of automation on their skills. The professionals laid off from the fabricating firm were rated more placeable than professional applicants in the control groups and are not expected to suffer greatly because of the layoff as most will be recalled or will benefit from new placements. However, the clerical layoffs were rated less placeable than the control group applicants and will suffer because of age, education, experience, skills, former wages, and expectations. The ability of Employment Service interviewers to recognize problem situations must be increased and the current Employment Service work application card must be revised to provide effective service in today's challenge of constant change. (HC)

VT 006 331 ED 034 017
Coghill, Mary Ann
Moonlighters in a Tight Labor Market. Some Legal and Social Views of Recent Experience.

State Univ. of New York, Ithaca. School of Industrial and Labor Relations at Cornell Univ.
EDRS PRICE MF-$0.25 HC-$1.05
Pub Date - Feb67 19p.

*LABOR MARKET; *EMPLOYEES; *PART TIME JOBS; *SOCIAL VALUES; *ANNOTATED BIBLIOGRAPHIES; LABOR LEGISLATION; LEGAL PROBLEMS; WORK ATTITUDES; WAGES; SOCIAL FACTORS; LABOR FORCE; EMPLOYMENT PATTERNS
*MULTIPLE JOB HOLDERS

This report is directed toward three major questions: (1) How many moonlighters are there and do they hold their first and second jobs in the same industries and occupations? Economists have studied the trends and relationships of moonlighting and unemployment, hours of work, and wage levels. (2) Who are the moonlighters and why do they moonlight? Psychologists and sociologists have attempted to identify the moonlighters, draw their profile, and describe their motivations. (3) Is moonlighting legal? What degree of control do moonlighters have over competitive moonlighting? Arbitrators have sustained discharges and disciplinary actions by some employers, but upheld employee grievances in other cases. A statistical profile of moonlighters made by the Bureau of Labor Statistics from a survey made in 1965 reports that a total of 3.7 million persons were holding more than one job. These multiple job holders made up 5.2 percent of all employed workers. (CH)

VT 006 581
Zook, Wayne Harold
Personnel and Training Needs for Skilled and Technical Workers in Iowa Industries Manufacturing and Fabricating Plastics.

Iowa State Univ. of Science and Technology, Ames
Iowa State Dept. of Public Instruction, Des Moines. Div. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 26p.

*OCCUPATIONAL SURVEYS; *MANUFACTURING INDUSTRY; *PLASTICS; *EDUCATIONAL NEEDS; EMPLOYMENT OPPORTUNITIES; *MANPOWER NEEDS; SKILLED OCCUPATIONS; TECHNICAL OCCUPATIONS
IOWA

This survey was conducted to identify Iowa plastics industries and the trained personnel needed to man these industries. Replies to a mailed questionnaire were received from 96 of the 177 establishments in the population. Findings included: (1) 2,122 of the 28,252 employees were considered skilled plastic workers, (2) In-company training was the major source of workers for 75 percent of the industries, (3) 3,287 additional employees would be needed by January, 1969, (4) Training needs vary with size, process, and product, (5) Molding is the principle process, (6) Thermoplastics are the principle production material, and (7) New educational programs related to this industrial segment are needed. (EM)

VT 006 617
Cassell, Frank H.
Corporate Manpower Planning. Special Release 6.

Minnesota Univ., Minneapolis. Industrial Relations Center
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Feb68 12p.

*PERSONNEL POLICY; ADMINISTRATIVE PROBLEMS; *PROGRAM PLANNING; *MANPOWER NEEDS; *MANPOWER DEVELOPMENT; LABOR SUPPLY; MANAGEMENT EDUCATION; MANPOWER UTILIZATION; LABOR MARKET; *INDUSTRY

The shortage of manpower is resulting in reduced productivity, poor service, shoddy workmanship, rising labor costs, and talent pirating by other corporations. Educational lag of those currently employed and the unwillingness of people to keep their knowledge current, coupled with demands for higher levels of knowledge, and more up-to-date knowledge diminishes the supply of qualified manpower. Two basic labor supplies are available: those lacking necessary skills but readily trainable, and the poorly qualified needing employability development. The personnel function of industry must become involved in manpower planning through the: (1) assessment of current manpower needs, (2) assessment of future work force needs, (3) assessment of available manpower resources within the organization, and (4) development of a policy to enlarge the supply of qualified people. Interaction of public and private knowledge in the field of manpower would draw together at the local, regional, and federal levels the necessary resources to assess respective needs. Manpower planning is needed to stretch scarce manpower resources, enhance productivity, and insure that manpower becomes a source of opportunity gained. This document is an address presented to a working session of a research conference at the Industrial Relations Center of the University of Minnesota. (DM)

VT 006 692
Gartaganis, Arthur J.
Occupational Employment Statistics 1960-66. Bulletin 1579.

Bureau of Labor Statistics (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L2.3:1579, $.25).
Pub Date - Jan68 37p.

*EMPLOYMENT STATISTICS; *NATIONAL SURVEYS; *LABOR FORCE; *OCCUPATIONAL SURVEYS; *EMPLOYMENT TRENDS

Occupational employment data updating the 1966 edition and additional data of interest to social science researchers and students are presented. The data, covering the period 1960-1966, were compiled from a national sampling of employer reports, licensing statistics, professional society membership records, and household interviews. Twenty-four tables present data totals on average annual employment by occupational groups, selected professional groups, industries, size of establishment, and governmental agencies. (EM)

VT 006 694
Freedman, Audrey
Manpower Planning for Technological Change; Case Studies of Telephone Operators. Bulletin No. 1574.

Bureau of Labor Statistics (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L2.3:1574, $.30).
Pub Date - 68 38p.

*TECHNOLOGICAL ADVANCEMENT; *TELEPHONE COMMUNICATIONS INDUSTRY; *RETRAINING; EMPLOYER EMPLOYEE RELATIONSHIP; FEMALES; *CASE HISTORIES; LABOR DEMANDS; *EMPLOYMENT PRACTICES; RELOCATION; MANPOWER UTILIZATION

This bulletin describes the manpower policies and experiences of four telephone companies in cushioning the impact of technological change on their employees. Such change involved the addition of fully automatic telephone switching equipment reducing the need for female manual telephone operators. A formal systemwide policy on manpower planning in existence several decades prior to the changes, had as its major feature a development in advance of the number of operators needed after the change. The unions and employees were notified of the changes and the options months before the scheduled change. In most cases unions were concerned with enforcing seniority. Companies enforced strict control over hiring at an early date, hiring temporary help, if necessary. Transfers to other offices were offered to those who would not have jobs after the change, but due to family responsibilities, some women accepted layoff with severance pay. Retraining for long distance, information, and intercept operating was provided to most of the displaced manual operators. (EM)

VT 007 155
Morris, James O.; Cordova, Efren
Bibliography of Industrial Relations in Latin America. Bibliography Series No. 8.

State Univ. of New York, Ithaca. School of Industrial and Labor Relations at Cornell Univ.
DOCUMENT NOT AVAILABLE FROM EDRS.
Distribution Center, New York State School of Industrial and Labor Relations, Cornell University, Ithaca, New York 14850 ($10.00).
Pub Date - 67 304p.

*BIBLIOGRAPHIES; *LABOR ECONOMICS; *LABOR LAWS; LABOR PROBLEMS; LABOR UNIONS; MANAGEMENT; *MANPOWER DEVELOPMENT; MANPOWER UTILIZATION; EMPLOYER EMPLOYEE RELATIONSHIP; RETIREMENT
ILO; INTERNATIONAL LABOR ORGANIZATION; INTER-AMERICAN LABOR ORGANIZATIONS; *LATIN AMERICA

References are given to industrial relations and labor law literature bearing on the worker and work relationship in all sectors of the economy with or without unions, and regardless of employment, unemployment, or retirement status. The materials cited are about evenly divided between books, pamphlets, and student theses, on the one hand, and journal articles, on the other. Most entries are in Spanish and originated in Latin America, but numerous materials in English are included, as well as materials in Portuguese, French, German, Italian, and Russian. Part I includes the titles dealing with more than one country or generalizing a topic or topics without exclusive reference to individual countries. This part includes the subheadings: Bibliographies, General, Labor Economics and Manpower Problems, Management, Unions and Labor Movements, Labor-Management Relations, Labor Law, Social Security, Inter-American Labor Organizations, and The International Labor Organization and Latin America. Part II lists industrial relations source materials for each of the 20 Latin American republics, and Puerto Rico. In addition to labor law, the bibliography is "heavy" with materials on social security and unions and the labor movement. It is lighter on management, labor-management relations, and labor economics and manpower problems, somewhat in that order. (ET)

VT 007 191
Nursing Careers Among the American Indians.

Public Health Service (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Publication No. 1606
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.
Pub Date - nd 12p.

*PUBLIC HEALTH; *INDIANS; *NURSES; *CAREER OPPORTUNITIES
UNITED STATES PUBLIC HEALTH SERVICE; FEDERAL CIVIL SERVICE

Graduates of 2, 3, and 4-year nursing programs are eligible for civil service appointments with the Division of Indian Health. Appointments through the Commissioned Corps of the Public Health Service require an academic degree from an accredited university. The pamphlet describes the kinds of service in which the nurse would participate, explains Civil Service and Commissioned Corps grade levels, indicates appointment procedures, and discusses benefits to the individual. (JK)

VT 007 197
Schriver, William R.
Research in Trade and Industrial Education in Tennessee; The Tennessee Manufacturing Economy.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 14p.

*ECONOMIC CLIMATE; *EMPLOYMENT TRENDS; *EMPLOYMENT PATTERNS; *MANUFACTURING INDUSTRY; LABOR FORCE; SPEECHES; TABLES (DATA)
TENNESSEE

Two characteristics of our economy which can reveal changes in labor force composition are sources of civilian participation income and employment by industry. In terms of absolute change, manufacturing leads the productive sector with an absolute increase from $691 million in 1950 to $1.81 billion in 1964. Employment in the productive sector increased 4.8 percent in Tennessee between 1950-1960 while in the United States it decreased 0.6 percent. Crucial trends affecting occupational education are (1) The economic impact and employment potential of the extractive sector, particularly agriculture, is declining in Tennessee, (2) The economic impact and employment potential of the service sector is increasing, and (3) The economic impact and employment potential of the productive sector, particularly manufacturing, is increasing. Similar trends exist for the nation. Within manufacturing the growth of apparel and electricial machinery industries indicates increased employment of women, with a general increase in the manufacturing skill base. Growth by level of skill in Tennessee seems to fit the skill-growth model hypothesized by Wilber E. Moore (in "Social Change") and the state is entering the third stage of development resulting from an expansion of market and a growth of income. A skilled work force can influence the location of new industry and a plausible prediction might be that by improving an individual's qualifications through trade and industrial education, both the labor market and the economy will be improved. (EM)

VT 007 218
Follow-Up Study of MDTA E and D Project Conducted at Agricultural and Industrial State University at Nashville.

Bureau of Social Science Research, Inc., Washington, D.C.
Office of Manpower Policy, Evaluation, and Research (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET. Contract 83-08-03
BSSR: 369
Pub Date - Jul67 56p.

*MANPOWER DEVELOPMENT; *VOCATIONAL EDUCATION; *EXPERIMENTAL PROGRAMS; *PROGRAM EVALUATION; *FEDERAL PROGRAMS; JOB TRAINING; ADULT BASIC EDUCATION; JOB PLACEMENT; DISADVANTAGED GROUPS
OFFICE OF MANPOWER, AUTOMATION, AND TRAINING; OMAT; TENNESSEE

A 36-week experimental and demonstration project in basic education and job training for 180 adults from three rural areas of Tennessee was evaluated to ascertain implications for future manpower development programs. Group and individual counseling, housing, training allowances and per diem were provided for trainees in meat processing, park services or livestock maintenance. Some findings from interviews with 112 trainees and 157 applicants not accepted for training were: (1) The hard-core are more easily recruited by hard-core participants in the program, (2) Differentiated recruiting methods should be used with heterogenous populations, (3) Special training is usually necessary for staff members without previous experience in working with poverty groups, (4) Trainees should have intensive counseling available in scheduled group counseling sessions, (5) The training program was not effectively coordinated with realistic placement plans, (6) Individual attention by the staff is necessary, and (7) Training programs must be suited to the needs of the population. Some recommendations were that basic education be provided at the trainees' home site and job training be provided by the university and that training allowances be provided between termination of training and actual placement so project staff members could remain in contact until the individual is placed in a job. (DM)

VT 007 261
Occupational Demand in Indiana.

Indiana Employment Security Div., Indianapolis. Research and Statistics Section
Indiana State Board of Vocational and Technical Education, Indianapolis
MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 29p.

*MANPOWER NEEDS; *STATE SURVEYS; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *CURRICULUM PLANNING; CURRICULUM RESEARCH; EMPLOYMENT PROJECTIONS; EMPLOYMENT PATTERNS; EMPLOYMENT TRENDS
INDIANA

Material is presented for the purpose of planning vocational and technical education curriculums. A resume of the present and anticipated employment conditions in the state, including a distribution of employment by industry group, provides a background of economic conditions and shows the relative importance of broad types of products and services provided. A table showing five-year expansion and replacement needs for occupational groups and the selected occupations for which data were available is included to show needs for workers in specific occupations and to show relative total needs among the broad occupational categories. A table and narrative for each curriculum area, with the number of training-related job openings received during a one-year period in the local offices of the Indiana Employment Security Division along with supplementary occupational data where available, lists of job openings by occupations and curriculum areas, including occupations for which local offices had 10 or more openings during the year. (CH)

VT 007 340
Perception of Job Opportunities Among Low-Income Groups in Missouri.

Missouri Agricultural Experiment Station, Columbia
Office of Manpower Policy, Evaluation, and Research (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Feb68 10p.

*EMPLOYMENT OPPORTUNITIES; *PERCEPTION; *LOW INCOME GROUPS; URBAN AREAS; *ADULTS; STATE SURVEYS; TEENAGERS; UNDEREMPLOYED; FEDERAL PROGRAMS; *RACIAL DIFFERENCES
NEIGHBORHOOD YOUTH CORPS; MISSOURI

The objectives of this project were to: (1) provide descriptive and analytical material concerning the perception of job opportunities among low-income groups in Missouri, and (2) provide jobs and useful training for a number of teenagers involved in the Youth Corps program. Data were gathered by means of an area probability sample in low income urban areas, defined by using tract data from the 1960 U.S. Census of Population. Participants in the Job Corps program conducted 1,600 interviews in seven urban areas of St. Louis, Kansas City, Columbia, Sedalia, Fulton, Rolla, and Jefferson City. Generalizations from the findings include: (1) Unemployment among Negro low-income groups is higher than among comparable white groups, (2) Low-income groups are relatively realistic in their perception of their skills and the type of jobs for which they qualify, and (3) Low-income groups, either through lack of knowledge or through distrust, are not taking advantage of the employment agencies or job training programs available to them, but Negroes use both types of agencies more often than do whites. (CH)

VT 007 361
Smith, J. Gary
A Survey of Need for a Fishery and Marine Resources Technology Program at College of the Redwoods.

California State Dept. of Education, Sacramento. Bureau of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Feb68 53p.

*OCCUPATIONAL SURVEYS; *EDUCATIONAL PLANNING; *FISHERIES; *SKILLED OCCUPATIONS; TECHNICAL OCCUPATIONS; CURRICULUM; EMPLOYMENT; EMPLOYMENT OPPORTUNITIES; *EDUCATIONAL NEEDS; EMPLOYMENT QUALIFICATIONS; QUESTIONNAIRES; BIBLIOGRAPHIES
CALIFORNIA

The objectives of this survey were (1) to establish data concerning the present and future status of fisheries occupations on the north coast of California and indicate other areas of need, and (2) to investigate the need for an articulated program in the area of marine resources utilizing College of the Redwoods and Humbolt State College. A questionnaire was mailed to 372 commercial fishermen belonging to fishery assocations servicing north coast fishing ports. Data from 85 returned questionnaires, interviews with management representatives of the fishing industry, and meetings with organizational groups were used to examine job opportunities, present employment, seasonal patterns and turnovers, job requirements, training requirements, and attitude toward training. There were 336 job opportunities for qualified seafood processors and at least 24 jobs available to trained fishermen. An expected increase in production and continued expansion of the fishing industry will create additional needs for trained manpower. Recommendations were that a fishery and marine resources technology curriculum be initiated at College of the Redwoods, with suggestions for specific curriculum areas, facility requirements, and program articulation. (HC)

VT 007 602
Exploring Michigan's Employment Expectations. A Summary Based on the Findings of the Michigan Manpower Study.

Michigan Employment Security Commission, Detroit
Housing and Home Finance Agency, Washington, D.C. Urban Renewal Administration
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Apr68 35p.

*MANPOWER DEVELOPMENT; *MANPOWER NEEDS; *EMPLOYMENT OPPORTUNITIES; *EMPLOYMENT QUALIFICATIONS; *POPULATION GROWTH; OCCUPATIONS; WOMEN WORKERS; TECHNOLOGICAL ADVANCEMENT; JOB SKILLS; LABOR FORCE; ECONOMIC FACTORS; MANUFACTURING INDUSTRY; TABLES (DATA); CHARTS
MICHIGAN

The 1980 labor supply and demand in Michigan for significant occupations and industries is projected through the development of necessary data such as information on the skills that are currently available, the kinds of jobs that will exist in the future, and the skills that will be needed for these jobs. By 1980, Michigan's population is expected to be around 10.2 million, an increase of nearly 2.4 million, or about 30 percent from 1960. About 85 percent of this growth will be in the population 14 years of age and over, and this will mean a greater than proportional growth in the labor force, nearly 40 percent between 1960 and 1980. Employment in manufacturing, accounting for 38 percent of Michigan's employment in 1960, will constitute less than 30 percent of total employment in 1980. Major findings of the study are summarized in charts, graphs and tables as a simplified layman's report useful to employers, teachers, and the general public. (CH)

VT 007 655
Highlights of the 1968 Manpower Report of the President.

Manpower Administration (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 51p.

*FEDERAL PROGRAMS; *HUMAN RESOURCES; *MANPOWER DEVELOPMENT; *MANPOWER NEEDS; *MANPOWER UTILIZATION; DISADVANTAGED GROUPS; ECONOMIC FACTORS; EDUCATIONAL NEEDS; EMPLOYMENT PROBLEMS; EMPLOYMENT PROGRAMS; EMPLOYMENT TRENDS; GEOGRAPHIC DISTRIBUTION; INFORMATION NEEDS; JOB TRAINING; LABOR MARKET; MIGRATION; SUBEMPLOYMENT; UNEMPLOYMENT; VOCATIONAL EDUCATION

"Manpower Report of the President Including A Report on Manpower Requirements, Resources, Utilization, and Training," (1968) is summarized. See abstract of ED 020 299 or VT 001 025 (ARM Summer 1969) which is the full report. (EM)

VT 007 757 ED 036 610
Teeple, John
Implications of Career Openings in Health Occupations for Priorities in Vocational-Technical Education. Working Paper.

National Planning Association, Washington, D.C. Center for Priority Analysis
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$2.65 OEG-0-8-080643-4467(085) 08
BR-8-0643
Pub Date - Oct68 51p.

*HEALTH SERVICES; *MANPOWER NEEDS; *EDUCATIONAL NEEDS; *EDUCATIONAL PLANNING; EMPLOYMENT PROJECTIONS; EMPLOYMENT TRENDS; *HEALTH OCCUPATIONS EDUCATION; CORE CURRICULUM; OCCUPATIONAL MOBILITY; COMMUNITY COLLEGES; INTERAGENCY COOPERATION

The implications of the pursuit of health goals in the 1970's are discussed to determine priorities in vocational-technical education. Factors basic to increasing the national emphasis on health in the 1970's are outlined, as well as the large-scale increase in expenditures needed to achieve these desirable health goals and far-reaching implications of these goals upon manpower needs. Aside from an increased demand for health services, changes are also taking place in health delivery services, occupational structure in the health field, and health occupations training that will affect the supply of health manpower. By studying these variables, an estimate is made of career openings in the health science fields in the 1970's, from which the following agenda of priorities for planning and research in vocational-technical education is suggested: (1) program development for non-professional health occupations, (2) expansion of associate degree nursing and practical nurse programs, (3) increasing the representation of the "left out" groups in health occupations education, (4) closer coordination between vocational education and community health centers, (5) offering of core curriculum in health on the 11th and 12th grade levels, and (6) cooperation between vocational education and public and private agencies to assess local manpower situations. (JK)

VT 007 758 ED 036 611
Teeple, John
Implications of Career Openings in Social Welfare Occupations for Priorities in Vocational-Technical Education. Working Paper.

National Planning Association, Washington, D.C. Center for Priority Analysis
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.80 OEG-0-8-080643-4467(085) 08
BR-8-0643
Pub Date - Dec68 34p.

*SOCIAL SERVICES; WELFARE SERVICES; *MANPOWER NEEDS; *EDUCATIONAL NEEDS; *EDUCATIONAL PLANNING; EMPLOYMENT PROJECTIONS; EMPLOYMENT TRENDS; CORE CURRICULUM; OCCUPATIONAL MOBILITY; COMMUNITY COLLEGES; *VOCATIONAL EDUCATION

National goals in social welfare are basically concerned with translating the promise of American life into a closer approximation to reality for the aged, the dependent, the disabled, the disorganized, and the unemployed. Administering social welfare programs may create as many as 400,000 career openings in the '70's, 175,000 of which will represent openings for junior college or high school graduates. Most of the new social welfare programs, being mainly concerned with problems of the central cities of large metropolitan areas, can be expected to emphasize vocational education in these areas. A realistic goal for vocational education in social work would be 500 to 1,000 graduates a year in each of the nation's major metropolitan areas. Associate degree programs leading to employment in social work occupations must expand to meet this need, while existing home economics programs might serve the purpose in the high schools. Advancement in research and planning along these lines would also provide meaningful opportunities for employment for many young persons in the "left out" groups in American society. Major sections of this document are: (1) Social Welfare Goals and Manpower Needs, (2) Factors Influencing Social Welfare Manpower Requirements, (3) Patterns of Occupational Growth, (4) Implications for Vocational Education, and (5) Priorities for Vocational-Technical Education. (JK)

VT 007 809
Altman, Charles Dwayne; Smith, Larry Julian
Student Interest and Employment Opportunities in the Field of Ornamental Horticulture in Pickens County, South Carolina.

South Carolina Vocational Education Research Coordinating Unit, Clemson
South Carolina State Dept. of Education, Columbia. Office of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
South Carolina Vocational Education Research Coordinating Unit, Clemson University, Clemson, South Carolina 29631.
Pub Date - Jul68 22p.

*ORNAMENTAL HORTICULTURE OCCUPATIONS; *EDUCATIONAL NEEDS; *EMPLOYMENT OPPORTUNITIES; *STUDENT INTERESTS; *COMMUNITY SURVEYS; ORNAMENTAL HORTICULTURE; EMPLOYER ATTITUDES; STUDENT ATTITUDES; VOCATIONAL AGRICULTURE SOUTH CAROLINA; PICKENS COUNTY

To investigate student interest in ornamental horticulture and to determine employment opportunities for ornamental horticulture graduates, 14 employers and all eighth grade boys enrolled in public schools were surveyed following presentations by investigators. Some findings were: (1) 64.5 percent indicated that they would like to study plants "not for a job, but for pleasure," (2) 10.7 percent intended to use such knowledge in future employment, (3) 61 percent indicated an intention to enroll in ornamental horticulture in high school, (4) County firms employed a total of 63 full-time and 24 part-time helpers, (5) 12 full-time and 31 part-time employees were hired each year, (6) All firms would give preference to high school graduates who had taken a 2-year program in ornamental horticulture, and (7) 12 of the 14 firms reported that they would consider employing as part-time help high school students studying horticulture. The appendixes contain 18 tables of data. (DM)

VT 008 053
Lynton, Edith F.
New Careers Potentials in Health: In the Hospital.

National Committee on Employment of Youth, New York, N.Y.
New York Univ., N.Y. New Carrers Development Center
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec68 17p.

VOCATIONAL DEVELOPMENT; *OCCUPATIONAL MOBILITY; *SUBPROFESSIONALS; *HEALTH OCCUPATIONS EDUCATION; HEALTH SERVICES; PROFESSIONAL EDUCATION; HOSPITALS; *EMPLOYMENT OPPORTUNITIES; CAREERS; *HEALTH PERSONNEL *NEW CAREERS

Transforming the entry level job in hospital patient care services to a career entry has been limited, tentative, and fragmentary. Developing the potential of a large number of aids, orderlies, and attendants to enhance patient care services is a problem for which there are three possible solutions: (1) Increase the supply of nursing personnel through the established educational process, (2) Direct nursing services of the maximum of non-nursing functions by siphoning off managerial and technical functions and creating new subprofessional job categories, and (3) Create a new subprofessional career sequence by redesigning the aide functions and intensifying in-service on-the-job training. None of these answers emerges as the logical instrument for meeting manpower needs or for enlarging career opportunities, but these answers are a conceptual basis for devising and testing a diversity of models. Each individual model must be viewed in relationship to all others or the present discontinuity of health occupations will be further complicated by a myriad of new job titles. One must not limit potential subprofessional development by viewing it only in the context of a specific setting or by pursuing entirely different personnel policies among like organizations. Coordinated planning and action are possible under the Comprehensive Health Planning Act, regional medical programs, and professional associations. (JK)

VT 008 065
Lynton, Edith F.
New Careers Potentials in Health: Beyond the Hospital.

National Committee on Employment of Youth, New York, N.Y.
New York Univ., N.Y. New Careers Development Center
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec68 11p.

*HEALTH PERSONNEL; *HEALTH OCCUPATIONS EDUCATION; *COMMUNITY HEALTH SERVICES; NURSING HOMES; VOCATIONAL DEVELOPMENT; *SUBPROFESSIONALS; SOCIAL SERVICES; *EMPLOYMENT OPPORTUNITIES; CAREERS *NEW CAREERS

While three-fourths of all full-time salaried workers in the health occupations are currently employed by hospitals, growth in other health services is expected to exceed that of hospital services and therefore, manpower models should be developed in these other service areas because the aide in the nursing home may have to carry more responsibility than the hospital aide. Nursing homes offer potential for career development. Employment in nursing homes, after additional training in the needs of the long-term patient, could be considered a promotion from the entry level in hospital work. Other models might involve upgrading nurse aides through enlarging jobs, for example, combining occupational therapy, physical therapy, and practical nursing or combining social work, counseling, community organizations, and nursing. While out-patient and home care should provide potential for career development, strong deterrents are legislation limiting the functioning of subprofessionals in home situations and the current separations between professional disciplines. A combination of social work and nursing could create more flexible career patterns in which the home-health aide could move along in nursing, public health education, or social services. (JK)

VT 008 073
Spotlight on Job Opportunities; Manpower Needs in Selected Trade, Finance, Insurance and Service Industries, 1963-1966.

North Carolina Employment Security Commission, Raleigh. Bureau of Employment Security Research
Bureau of Employment Security (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jun64 72p.

*MANPOWER NEEDS; *EMPLOYMENT OPPORTUNITIES; *INDUSTRY; SERVICE OCCUPATIONS; INSURANCE OCCUPATIONS; FINANCE OCCUPATIONS; MERCHANDISING; *OCCUPATIONAL SURVEYS; EMPLOYMENT PATTERNS; *LABOR FORCE
NORTH CAROLINA

To obtain a measure of job opportunities in a cross-section of North Carolina's service and other non-manufacturing industries, a survey was conducted of 17 industry segments in selected trade, finance, insurance and service industries. A stratified random sample of firms insured by the North Carolina Employment Security Law in March of 1963 resulted in 2,000 firms representing approximately 60 percent of 14,040 usable returns representing just less than 40 percent of the statewide employment in the 17 industrial segments surveyed. Some major study highlights were: (1) Total employment in surveyed industries was expected to increase 16 percent in a 3-year period, (2) Employers estimated that by the fall of 1966 about 28,000 new job opportunities would develop, (3) On-the-job training was expected to provide less than 40 percent of workers needed, (4) The greatest anticipated rate of growth among major occupations studied was found in skilled occupations, and (5) Employers in surveyed industries expected a surplus of more than 60 bookkeeping machine operators by the fall of 1966. Conclusions were that the state should continue to promote and support expansion of programs providing vocational training facilities and continue to emphasize vocational guidance programs. (DM)

VT 008 086
A Study of Inactive Professional Health Personnel in North Carolina.

North Carolina State Board of Education, Raleigh. Dept. of Community Coll.
Public Health Service (DHEW), Washington, D.C. Div. of Nursing
MF AVAILABLE IN VT-ERIC SET.
PH108-67-239
Pub Date - Jun68 103p.

*HEALTH PERSONNEL; *LABOR FORCE NONPARTICIPANTS; REFRESHER COURSES; RECRUITMENT; QUESTIONNAIRES; *MANPOWER NEEDS; *OCCUPATIONAL SURVEYS
NORTH CAROLINA

Goals of the study were to: (1) initiate a plan to locate and promote recruitment of inactive health personnel (2) promote training programs for inactive personnel, (3) develop a detailed profile of health personnel needs, and (4) assist in the return of as many health personnel as possible to active employment. Names of inactive personnel were secured through appropriate professional registries and associations as well as through women's organizations. Questionnaires were mailed to determine current employment status, reasons for unemployment, interest in a refresher course, and plans for return to practice. Of the professional nurse respondents, 1,207 were not employed and 163 additional were not employed in nursing. Seven hundred and forty-two were interested in refresher courses. (Ten courses had been offered since July, 1967 and a total of 119 nurses completed courses during fiscal 1968). Hospitals, surveyed to determine vacancies and to obtain information about personnel policies, identified 552 professional nurse vacancies. Some findings in other fields were: (1) 51 social workers, 22 physical therapists, and 191 medical technologists were not employed

in their fields, (2) Inactive professionals in the three fields were interested in training courses, and (3) Vacancies identified included 11 in social work, 28 in physical therapy, 88 in medical technology, and 21 in dietetics. (JK)

VT 008 132
Levitch, Joel A.
Occupational Therapy--A New Lift for the Disabled. Public Affairs Pamphlet No. 420.

Public Affairs Committee, Inc., New York, N.Y.
American Occupational Therapy Association, New York, N.Y.
Social and Rehabilitation Service (DHEW), Washington, D.C.
DOCUMENT NOT AVAILABLE FROM EDRS.
Public Affairs Pamphlets, 381 Park Avenue South, New York, New York 10016 ($.25).
Pub Date - Jun68 32p.

*OCCUPATIONAL THERAPY; *OCCUPATIONAL THERAPISTS; *OCCUPATIONAL INFORMATION; SCHOOLS; *CAREERS

Intended for the use of prospective occupational therapy students at the high school level or above, the booklet provides information about the field of occupational therapy through the use of short narrative involving occupational therapists. Information relates to: (1) educational preparation, the general nature of the work, and (3) specializations within the field--supervision, psychiatric occupational therapy, and group activity work. Thirty-one colleges and universities offering occupational therapy programs are listed. (JK)

VT 008 160
Reed, Ritchie H.
Estimates and Projections of the Labor Force and Civilian Employment in the U.S.S.R.: 1950-1975. International Population Reports, Series P-91, No. 15.

Bureau of the Census (DOC), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 ($.30).
Pub Date - Jun67 44p.

*LABOR FORCE; *EMPLOYMENT PROJECTIONS; *FOREIGN COUNTRIES; *TABLES (DATA); NATIONAL DEMOGRAPHY; OCCUPATIONAL INFORMATION; MANPOWER UTILIZATION; MAN DAYS
*UNION OF SOVIET SOCIALIST REPUBLICS; USSR

This report is one of a series of Soviet manpower and employment being conducted by the Foreign Demographic Analysis Division of the Bureau of Census. It presents data for four different manpower measures: (1) two variants of the Labor Force for the period 1950-1965 and four variants for the period 1966-75, (2) a series of annual average employment for the period 1950-65, and two variants for the period 1966-75, (3) 2 series of man-day employment for the years 1950-65, and (4) 2 series of man-hour employment for the years 1950-65, and two variants for the years 1966-75. At least one series of each measure is given for both the nonagricultural and agricultural sectors. In the course of preparing the report, attempts were made to construct consistent employment series based on Soviet economic information. In developing estimates of employment in non-reported categories, heavy reliance was placed on analytic techniques using ancillary Soviet economic data. The report summarizes data available as of April 1, 1967. (CH)

VT 008 172
Control Totals of Employment in Major Industry by Major Occupation Matrix for Michigan--1960. Employment in Selected Occupations in the U.S., 1900-1960. Working Paper No. 3.

Battelle Memorial Inst., Columbus, Ohio
Michigan State Dept. of Labor, Detroit. Employment Security Commission
Michigan State Dept. of Education, Lansing. Div. of Vocational Education
Michigan State Dept. of Commerce, Lansing. State Resource Planning Div.
MF AVAILABLE IN VT-ERIC SET.
State Resource Planning Division, Office of Economic Expansion, Michigan Department of Commerce, 208 East Michigan Avenue, Lansing, Michigan 48933.
Pub Date - Apr66 42p.

*EDUCATIONAL PLANNING; *OCCUPATIONAL SURVEYS; *EMPLOYMENT TRENDS; *INDUSTRY; *NATIONAL SURVEYS; LABOR FORCE; EMPLOYMENT PATTERNS
MICHIGAN

This study provides detailed labor force information which will be useful in planning the educational system for the State of Michigan. This report is part of the Michigan Manpower Study which has as its central objective the projection of occupational demands and the prospective supply of trained workers to satisfy these demands during 15 years. Tables in this report show national patterns of employment by detailed occupation in order to compare employment trends in Michigan and the Detroit standard metropolitan area. Tables summarizing aggregate employment by occupation and aggregate employment by detailed industry are also presented. The occupation by industry matrix which serves as the framework for Battelle's socioeconomic model is available in limited detail in published census reports for individual states. (CH)

VT 008 233
Hardy, M.I.
Occupational Health Nursing in Ontario. A Report on Results from a Questionnaire.

Ontario Dept. of Health, Toronto. Environmental Health Branch
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 86p.

*OCCUPATIONAL SURVEYS; *NURSES; *INDUSTRY; QUESTIONNAIRES; *EMPLOYMENT EXPERIENCE; *EDUCATIONAL BACKGROUND
ONTARIO; CANADA

The survey examines the educational background and work activities of the occupational health nurse in order to establish a sound curriculum for occupational health nursing. A 32-page questionnaire was sent to 742 occupational health nurses in the Province of Ontario in May 1962; the contents of 330 replies ranged from a few answers to answers to all the questions. Data in tabular form relate to (1) utilization of time on the job, (2) types of positions, (3) average work week, (4) correlation of salary and age range, (5) high school education, (6) professional preparation, (7) year of graduation, (8) university preparation, (9) clinical specialty, (10) size of employing agency, (11) average number of employee visits, (12) hazards of the organization served by the health centre, (13) agency policies and procedures, (14) number and size of health units, (15) number of shifts, (16) nature of supervision, (17) definition of duties of nurse and physician, (18) length of time health service has operated, (19) non-nursing functions performed by nurses, (20)

coordination with other agencies, (21) desire for further educational preparation, (22) job orientation, and (23) student participation. Other tables present opinions regarding the importance of various kinds of knowledge and skills in the curriculum and information about individual tasks performed by the nurses. (JK)

VT 008 240
Employer Hiring Practices and Attitudes about the Employment of Women. Summary.

Vermont State Dept. of Employment Security, Montpelier
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 26Apr65 13p.

*WORKING WOMEN; *EMPLOYMENT PRACTICES; FEMALES; LABOR TURNOVER; *EQUAL OPPORTUNITIES (JOBS); *EMPLOYER ATTITUDES; *PERSONNEL POLICY
VERMONT

A survey was conducted to determine: (1) current hiring practices, (2) criteria governing hiring practices, (3) employer attitudes, and (4) changes which have occurred in recent years and factors causing them. Vermont employers were found to be prejudiced toward the employment of women. Some employers' hiring policies were guided by adverse experience with a high turnover rate of women employees. The number of occupations in which women are preferred has increased in recent years. The major limitations to job opportunities are inadequate education and training. Statistics in Vermont show that in March 1965 women averaged 4.8 hours of sick leave and men averaged 4.6. Although women are shown to have less turnover in some industries, the average number of quits for men per 100 employees is 1.49, whereas the rate for women is 2.88. A summary of the demands for women workers as compared with the demand for men workers in local labor areas is included. The percent of job order the industries, and the occupations most frequently specifying sex of workers are presented in chart form. (FP)

VT 008 283
Re-Employment Factors of Inactive Nurses in Wisconsin.

Wisconsin State Employment Service, Madison
Wisconsin Nurses Association, Inc.
MF AVAILABLE IN VT-ERIC SET.
Wisconsin State Employment Service, P.O. Box 1607, 4802 Sheboygan Avenue, Madison, Wisconsin 53701 (no charge).
Pub Date - nd 45p.

*STATE SURVEYS; *NURSES; *REFRESHER COURSES; *LABOR FORCE NONPARTICIPANTS; EMPLOYMENT EXPERIENCE; WORK ATTITUDES; *OCCUPATIONAL SURVEYS
WISCONSIN

A survey to find and recruit inactive professional nurses was conducted between June 12 and July 7, 1967. Sources for the survey were a listing of inactive nurses supplied by the State Department of Nurses, a mailing to 20,000 currently licensed nurses urging them to encourage the participation of inactive nurses, and a television, radio, and newspaper publicity campaign. Questionnaires sent to 2,279 nurses garnered 1,399 useable replies of which 1,160 represented were from inactive nurses. Some findings were: (1) 45 percent of the 1,160 replies came from three densely populated counties with no responses from seven counties, (2) 53 percent had been out of practice for 5 years or less, (3) 72 percent intended to return to nursing practice--34 percent in 1967 and 1968 and 39 percent after 1970, and (4) 745 nurses were interested in refresher courses, and, of these, 82 percent wanted part-time classes. (JK)

VT 008 323
California Womanpower.

California State Dept. of Industrial Relations, San Francisco. Div. of Labor Statistics and Research
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jul66 27p.

WORKING WOMEN; *FEMALES; *EMPLOYMENT STATISTICS; LABOR SUPPLY; *LABOR FORCE; SOCIOECONOMIC STATUS; *HUMAN CAPITAL; *INDIVIDUAL CHARACTERISTICS
CALIFORNIA

In 1965, 34 out of every 100 workers in California were women. One-half worked in trade or service, one-fifth in government, one-sixth in manufacturing, and the remaining in construction, mineral extraction, and insurance, real estate and finance. Proportions of male and female workers within industries differ sharply. For example 5 percent of the employment in construction are female while 53 percent of workers in the finance-insurance-real estate complex are female. Women comprise about one-quarter of the manufacturing work force with concentrations in electrical equipment, apparel and food products. Charted seasonal employment patterns show a low in February and a peak in December for women, while the seasonal high for men normally occurs in September. Thirty-seven percent of the unemployed in California (1965) were women. Approximately 18 percent of all women nonfarm and salary workers and 40 percent of the male nonfarm workers were union members. The number of women earning college degrees in California has increased 56 percent since 1960 as compared with a 31 percent gain for men, but regardless of the level of school completed, incomes of women were consistently below those of a comparable group of men. Statistics from the 1960 census are for: (1) jobs, (2) earnings and responsibilities, and (3) educational achievement. (FP)

VT 008 325
Changing Patterns in California Manufacturing Employment.

California State Dept. of Industrial Relations, San Francisco. Div. of Labor Statistics and Research
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Aug67 8p.

*EMPLOYMENT TRENDS; BLUE COLLAR OCCUPATIONS; WHITE COLLAR OCCUPATIONS; *OCCUPATIONAL SURVEYS; *EMPLOYMENT PATTERNS; *MANUFACTURING INDUSTRY; STATE SURVEYS; COMPARATIVE ANALYSIS
CALIFORNIA

A steady post war trend in manufacturing employment both in California and the rest of the nation of more white-collar workers as compared with blue-collar workers has come to a halt. The ratio of blue-collar or production workers has begun to climb and conversely has declined for white-collar workers. Since World War II most of California's manufacturing expansion has occurred in new industries such as electronics and ordnance, which hire the highest share of white-collar workers. The reversal in this trend, most apparent between 1963 and 1966, is attributed to the increased production of goods for the Vietnam War and recent industry efforts to weed out inefficiency and excess staff among white-collar workers. The aircraft industry, which recorded the most dramatic increase from 51 blue-collar workers per 100 employees in 1963 to 59 in 1966, is evidence of this movement. While 65 out of every 100 employees in manufacturing as a whole were in production work during 1966 in California, this proportion covered a wide range of blue collar participation in the work force. In that

year the spread was from 35 production workers per 100 in ordnance to 90 per 100 in shipbuilding. Charts illustrate the percentage of blue-collar workers according to industry, shifts in the proportion of blue-collar workers, and statistical data concerning production workers and non-production workers in manufacturing in California and the rest of the United States. (FP)

VT 008 673
Occupational Information for Florida Schools.

Florida State Dept. of Education, Tallahassee. Div. of Vocational, Technical, and Adult Education
MF AVAILABLE IN VT-ERIC SET.
Bull-70M-1
Pub Date - Feb68 107p.

*OCCUPATIONAL INFORMATION; *EMPLOYMENT TRENDS; OCCUPATIONS; OCCUPATIONAL MOBILITY; TECHNOLOGICAL ADVANCEMENT; WORKING WOMEN; CHARTS; TABLES (DATA); *MANPOWER UTILIZATION; *OCCUPATIONAL SURVEYS; *POPULATION TRENDS; LABOR FORCE; INDUSTRY; EMPLOYMENT PROJECTIONS; EMPLOYMENT; LABOR SUPPLY
FLORIDA

The occupational information presented in this publication is focused primarily on occupational trends and occupational information on Florida. Concerning occupational trends, the following are discussed: industrial employment changes, occupational shifts, trends in the employment of women, mobility of the labor force, changes in composition of the labor force, and technological change. It is emphasized that each one of these trends poses a challenge to those who provide vocational guidance and to those who prepare youngsters for work. Concerning occupational information on Florida, the indications are that for those who join the labor force in 1970, one person out of two will work in a blue collar job, one out of four women will work in a clerical or kindred occupation, and one person out of eight will work in a professional, technical or kindred occupation. (CH)

VT 008 703
Climb to Success, Security, Opportunity.

Health Careers Association of Greater Cincinnati, Ohio
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Apr69 14p.

*OCCUPATIONAL INFORMATION; *HEALTH OCCUPATIONS; *ENTRY WORKERS; EMPLOYMENT QUALIFICATIONS; ON THE JOB TRAINING; CAREER OPPORTUNITIES

This information about hospital jobs was developed in response to expressed needs of hospitals, schools, students, and the general community in the five county United Appeal area of Greater Cincinnati and Northern Kentucky. Thirty-six jobs, most of which can be filled by high school graduates without further training before beginning work, are described briefly in terms of the nature of the job, high school courses desirable or required, on-the-job training, and advancement possibilities. (JK)

VT 008 774
Labor Force Experience of the Puerto Rican Worker. Regional Reports Number 9.

Bureau of Labor Statistics (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jun68 35p.

*EMPLOYMENT STATISTICS; DISADVANTAGED GROUPS; *PUERTO RICANS; *SOCIOECONOMIC INFLUENCES; FAMILY CHARACTERISTICS; INCOME; SUBEMPLOYMENT; UNEMPLOYMENT; EDUCATIONAL BACKGROUND; *LABOR FORCE; *EMPLOYMENT EXPERIENCE; POPULATION TRENDS; MIGRATION PATTERNS
NEW YORK CITY

The statistics in this paper were gathered to provide some basic parameters on the characteristics of Puerto Ricans in the labor market. For the most part, data availability ends in 1960 with the Census Population; this lack of current time series information is a major barrier to current evaluation of the situation. Available data are presented in chart and narrative form, covering population trends and distribution, occupational and industrial patterns, public sector employment, educational attainment, income levels, and skill gaps. A detailed section on data deficiencies is included. Findings included: (1) The median age of Puerto Ricans in New York City in 1964 was only 21.7 years, (2) In 1960, families of seven or more persons accounted for 11 percent of all Puerto Rican families in New York, and (3) 34 percent of Puerto Rican families in New York City in 1960 had incomes of less than $3,000. (JK)

VT 008 780
DeSpain, Don; Webb, Grover
Manpower in Oklahoma: Northwest Region.

Oklahoma Employment Security Commission, Oklahoma City. Research and Planning Div.
Oklahoma State Dept. of Education, Oklahoma City. Dept. of Vocational-Technical Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Apr69 45p.

*MANPOWER NEEDS; *EMPLOYMENT PROJECTIONS; *OCCUPATIONS; *LABOR FORCE; *TABLES (DATA); INDUSTRY; SURVEYS; WAGES; ECONOMIC FACTORS

The purpose of this study was to determine current and future manpower needs for Oklahoma's northwest region by industry division, by major occupational group, and by selective occupations. Data were obtained from information provided by respondents in a sample of 154 firms, with usable information from 111 establishments (72.1 percent). By 1972, non-farm wage and salary employment in northwest Oklahoma is forecast to read 16,740 an advance of 15.2 percent. According to employer reports, manufacturing will lead all other industry divisions in proportionate growth; factory worker gains of 69.6 percent are anticipated by 1972. The most new jobs are forecast to occur in the sales category with the largest proportionate growth expected in the processing group. The survey data are presented in tabular form. A related document is VT 005 572 (ARM, Summer 1969). (CH)

VT 008 813
Manpower Research, Women in the Labour Force.

Ministry of Labour, Israel. Manpower Planning Authority
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Mar66 97p.

*LABOR FORCE; *FEMALES; *NATIONAL SURVEYS; *FOREIGN COUNTRIES; MANPOWER NEEDS; WOMENS EDUCATION; LABOR LAWS; WORKING WOMEN; UNEMPLOYMENT; MANPOWER UTILIZATION; COMPARATIVE STATISTICS
*ISRAEL

Women are the principal resource for augmentation of the Israeli labor force. In order to arrive at basic measures for utilizing the resource, the study sought to analyze the participation of women in the labor force and the correlation between this participation and such factors as education, family structure, birth rates, and ethnic and age group structures. Some findings were: (1) The number of women in the labor force in 1963 was 226,000 or almost 27 percent of the total labor force and the level is increasing, (2) Rates were low for minorities and Jewish women born in Asia and Africa, (3) Among women in the labor force, the proportion lacking all formal education was approximately 14 percent and the proportion of those with more than 13 years of schooling was 58 percent. One conclusion was that raising the educational levels of some groups is basic to increasing labor force participation. (JK)

VT 008 819
Work Experience in Puerto Rico: Calendar Year 1968. Special Labor Force Report Number 57.

Puerto Rico Dept. of Labor, San Juan. Labor Force Statistics Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 13p.

*LABOR FORCE; *WORK EXPERIENCE; *INDUSTRY; *OCCUPATIONS; *TABLES (DATA); WORKING WOMEN; MALES
PUERTO RICO

Information on the work experience of Puerto Rico's labor force is presented for the calendar years 1967 and 1968. Information is reported in tabular form for the civilian non-institutional population for 14-year-olds and over, concerning the number of weeks worked during the year, the average number of hours worked per week, main occupation, and industry. Of the estimated total of 584,000 males who worked in 1968, 67.7 percent worked steadily, while among the 267,000 women who worked, 60.1 percent worked steadily. The industry group with the highest portion of steady workers was public administration, while agriculture had the lowest proportion of steady workers. Among males the occupational groups with the highest proportions of persons working steadily were those of proprietors, managers, and officials. Among women the job steadiness was highest for the group of professional and semi-professional workers. In general the work experience for the labor force during 1968 was similar to that registered in 1967. (CH)

VT 008 901
Meltz, Noah M.; Penz, G. Peter
Canada's Manpower Requirements in 1970.

Canadian Dept. of Manpower and Immigration, Ottawa (Ontario). Research Branch
DOCUMENT NOT AVAILABLE FROM EDRS.
Queen's Printer, Ottawa, Canada.
Pub Date - 68 77p.

*MANPOWER NEEDS; *EMPLOYMENT PROJECTIONS; *EMPLOYMENT QUALIFICATIONS; *INDUSTRIAL STRUCTURE; *EDUCATION; LABOR FORCE; OCCUPATIONS; TABLES (DATA); FOREIGN COUNTRIES
CANADA

Estimated employment in 1970 was made for three industry sectors: Agriculture, Community Service, and Public Administration, as well as for the residual commercial, non-agricultural category. The occupation structure of manpower requirements in 1970 was obtained by taking the industry estimates together with the projections of decennial data on the occupation structure of each industry sector between 1931 and 1961. The projection of the required education structure for the labor force was made by extrapolating to 1970 the education structure in each occupation group in 1941, 1951, and 1961, and then aggregating these structures for the projected occupation groups. Manpower implications are presented in four ways: (1) the industry structure of manpower requirements in 1970, (2) the occupation structure of manpower requirements in 1970, (3) the required education structure of the labor force in 1970, and (4) the required education structure of entrance to the labor force between 1961 and 1970. Because of the experimental nature of the projection method, the authors recommend that the projections presented be used only as guidelines of what might be expected to happen if the Canadian economy reaches its estimated potential. (CH)

VT 008 907 ED 034 021
Training Guide: Construction.

Kogan Page, London (England)
DOCUMENT NOT AVAILABLE FROM EDRS.
International Textbook Company, Ltd., Parkgate Road, London, S.W. 11, England
Pub Date - 68 84p.

*CONSTRUCTION INDUSTRY; TRAINING; *EDUCATIONAL NEEDS; FOREIGN COUNTRIES; EDUCATIONAL OPPORTUNITIES; *LEADERS GUIDES; *DIRECTORIES
ENGLAND

The British construction industry has one of the best-run training boards in that country, encompassing 70,000 establishments and maintaining working relationships with some 200 associations, federations and trade unions. This guide, prepared for all those concerned with training and education in the construction industry, contains (1) The Training Picture, an introduction, (2) The Construction Industry Training Board, its members, scope, finances, and publications, (3) Apprenticeship and Other Training Schemes, (4) Qualifications and Examinations, (5) Professional and Qualifying Bodies, a listing and brief note about each, (6) Non-qualifying Bodies, and (7) Training Material, titles, and addresses of publishers. (GR)

VT 008 978
Erickson, Eva H.
Report of the Study of Staff Nurse Position Responsibilities in Iowa General Hospital.

Iowa Hospital Association, Inc., Des Moines. Interorganizational Committee
MF AVAILABLE IN VT-ERIC SET.
Iowa Hospital Association, 1906 Ingersoll, Des Moines, Iowa 50309 ($1.50).
Pub Date - May68 86p.

MANPOWER NEEDS; *MANPOWER UTILIZATION; NURSING; *NURSES; OCCUPATIONAL INFORMATION; *STATE SURVEYS; *HOSPITALS; QUESTIONNAIRES
IOWA

Undertaken in the belief that nurse utilization is an essential element in meeting the nursing care needs of patients, this study investigated certain activities performed by staff nurses on medical surgical units.

Seventy-eight activities in the categories of giving nursing care, managing others giving nursing care, and maintaining hospital operational systems, were selected and included in questionnaires distributed to all 125 Iowa hospitals for completion by registered nurses on three shifts. Findings from questionnaires returned by 110 hospitals and completed by 330 nurses, included: (1) Over two-thirds of the day and evening nurses made rounds with doctors, took blood pressures, assisted doctors with treatments, passed all medicines, reported patients' conditions to doctors, adjusted intravenous infusions, answered patients' questions, and checked patients for voiding, (2) More than two-thirds of all the nurses routinely or often made work lists for nursing staff, checked assignments of staff, explained assignments to staff, and helped staff give care. Between one-third and three-fourths of the nurses carried out each of the following activities: made out laboratory and x-ray requisitions, started patient charts, made drug charges, ordered stock drugs, returned equipment to storage area, carried meal trays, ordered supplies, and picked up drugs. (JK)

VT 009 018
A Study of the Educational and Training Content of Occupations, 1966. Manpower Studies No. 7.

Federal Ministry of Economic Development, Lagos (Nigeria). National Manpower Board
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 39p.

*OCCUPATIONAL SURVEYS; *FOREIGN COUNTRIES; *EMPLOYMENT QUALIFICATIONS; *POLICY FORMATION; *TABLES (DATA); EDUCATIONAL BACKGROUND; JOB TRAINING; WORK EXPERIENCE
*NIGERIA

This survey was an initial step in translating Nigerian manpower requirements into demand for appropriate levels of education, training, and experience, and examining the role which each element plays in total job preparation. Data were collected by means of questionnaire and personal interview. The sample consisted of 124 firms stratified on the basis of sector of economic activity and size of establishment. Information was obtained on 126 different occupations (2,750 questionnaires were completed) representing nearly 65,000 employees. Findings and policy implications are reported for professionals, administrators, junior administrators, and technicians as well as skilled, semi-skilled, and unskilled workers. Survey data were converted into tabular form for a detailed presentation of the findings. (CH)

VT 009 073
Guide to Recruitment and Selection for Manual Jobs.

Carpet Industry Training Board, Wilmslow, Cheshire (England)
MF AVAILABLE IN VT-ERIC SET.
Carpet Industry Training Board, Evelyn House, 32 Alderley Road, Wilmslow, Cheshire, England.
Pub Date - Apr67 47p.

*MANUALS; *RECRUITMENT; *SELECTION; *PLACEMENT; *INDUSTRIAL PERSONNEL; EMPLOYMENT INTERVIEWS; EMPLOYMENT SERVICES; TESTS; JOB ANALYSIS; RECORDS (FORMS); QUESTIONNAIRES

Information on recruitment, selection, and placement of workers in manual jobs is provided in order that companies may have an idea of what procedures they should aim for. Since the essence of a recruitment and selection procedure is the detailed analysis of the job and its requirements, the physical and social environment of jobs and conditions of employment are discussed, incorporating the compilation and use of job specifications. Recruitment procedures, designing a selection procedure, the use of selection tests, and employment interviewing are followed by an example of an actual job selection scheme. Pertinent forms, questionnaires, sample job specifications and a list of available tests and their sources are appended. (CH)

VT 009 163
Franke, Walter
The Shortage of Skilled and Technical Workers. Summary.

Manpower Administration (DOL), Washington, D.C. Manpower Research Study Summary
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Mar69 4p.

*MANPOWER NEEDS; *LABOR SUPPLY; *PARAMEDICAL OCCUPATIONS; ENGINEERING TECHNICIANS; *OCCUPATIONAL SURVEYS; LABOR CONDITIONS
*MANPOWER DEVELOPMENT AND TRAINING ACT; MDTA

"The Shortage of Skilled and Technical Workers" is summarized. See abstract of ED 026 499 (VT 007 171, in ARM Spring 1970). (GR)

VT 009 277
McWethy, David D.
A Guide to Overseas Professional Opportunities for Industrial Education Personnel.

American Industrial Arts Association, Washington, D.C. International Relations Committee
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Aug69 12p.

*INDUSTRIAL EDUCATION; DIRECTORIES; TRADE AND INDUSTRIAL TEACHERS; *EMPLOYMENT OPPORTUNITIES; *OVERSEAS EMPLOYMENT; *PROFESSIONAL PERSONNEL; ADMINISTRATIVE PERSONNEL

This guide includes the names and addresses of 17 organizations, plus brief descriptions of their personnel needs for industrial educators in overseas assignments. Pertinent information is included on recruitment channels used, lead time requirements and suggestions for making application, geographical locations, types of schools, job responsibilities, and past and future teacher quantity needs. A list of additional organizations which did not respond to the questionnaire but are known to be relatively active in overseas teacher placement are included, along with a roster of organizations who indicated they had no need for industrial education personnel. (GR)

VT 009 587 ED 034 036
International Standard Classification of Occupations. Revised Edition 1968.

International Labour Office, Geneva (Switzerland)
EDRS PRICE MF-$1.50 HC-$18.15
International Labor Office, Washington Branch, 917 15th Street, N.W., Washington, D.C. 20005 ($5.00).
Pub Date - 69 361p.

*OCCUPATIONS; *CLASSIFICATION; *OCCUPATIONAL INFORMATION; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; INTERNATIONAL PROGRAMS
*INTERNATIONAL STANDARD CLASSIFICATION OF OCCUPATIONS

The International Standard Classification of Occupations was developed to provide a systematic basis for presentation of occupational data relating to different countries in order to facilitate international comparisons. A second objective was to provide a system which developing countries could use in formulating their national occupational classifications. Occupations are classified at the major group level, minor group level, and unit level. The basic principle of classification is the type of work performed and represents broad fields of work rather than specific types of work. The minor groups and unit groups provide summary classifications suitable for organization and presentation of statistical data, such as those derived from manpower inquiries and population censuses. The more detailed classification, which has been developed by the International Labour Office, subdivides the unit groups into occupations or occupational categories bearing five-digit code numbers and is intended to serve such purposes as the organization of employment placement office records. (AUTHOR/CH)

VT 009 646 ED 034 043
Williams, C. Brian
Manpower Management in Canada; A Selected Bibliography. Bibliography Series: No. 3.

Queen's Univ., Kingston, Ontario (Canada). Industrial Relations Centre
EDRS PRICE MF-$0.50 HC-$6.45
Industrial Relations Centre, Queen's University, Kingston, Ontario, Canada ($4.95).
Pub Date - Jun68 127p.

*BIBLIOGRAPHIES; *FOREIGN COUNTRIES; ACTION RESEARCH; *MANPOWER UTILIZATION; *EMPLOYMENT; *VOCATIONAL EDUCATION; TECHNICAL EDUCATION; UNEMPLOYMENT; LABOR SUPPLY; PLANNING; PUBLICATIONS; LITERATURE REVIEWS
*CANADA; UNITED STATES

This bibliography is composed of 1,125 citations ranging in date from 1960 to 1966 with a number of pioneering studies, published in the late 1950's, also included. Studies which were conducted in Canada and the United States are reported for the broad field of manpower and employment. Part I focuses on topics in the fields of employment and unemployment. Part II focuses on topics in manpower supply, manpower planning, and manpower utilization. Part III includes additional useful sources such as bibliographies, a review of current Canadian manpower studies, catalogs of agencies, manpower papers, and manpower publications of the Federal Government. Entries are arranged alphabetically according to author within each topic. An author index is included. (CH)

VT 009 802 ED 034 854
Greenfield, Harry I.; Brown, Carol A.
Allied Health Manpower: Trends and Prospects.

Columbia Univ. Press, New York, N.Y.
Manpower Administration (DOL), Washington, D.C.
DOCUMENT NOT AVAILABLE FROM EDRS.
Columbia University Press, 136 South Broadway, New York, New York 10533 ($8.00).
Pub Date - 69 211p.

*HEALTH PERSONNEL; *HEALTH SERVICES; *HEALTH OCCUPATIONS EDUCATION; SOCIOECONOMIC INFLUENCES; OCCUPATIONAL MOBILITY; MANPOWER NEEDS; WAGES; FEDERAL PROGRAMS; FEDERAL LEGISLATION; EMPLOYMENT STATISTICS

This comprehensive view of the manpower dimensions of contemporary American medicine sheds new light on the approximately 2.5 million persons who, together with more than 300,000 physicians, are engaged in providing health services. The focus is upon 1.2 million health workers (exclusive of nurses) with less than a college education. Chapters include: (1) Manpower Dynamics of the Health Services Industry, (2) Allied Health Personnel in the Health Manpower Spectrum, (3) Sources of Supply, (4) Education and Training, (5) Structure and Function of Allied Health Labor Markets, (6) Facets of Utilization, (7) Federal Programs, and (8) Overview and Recommendations. Recommendations include upward amendment of the minimum wage provision, extension of unemployment insurance and workmen's compensation to all health personnel, provision for orderly bargaining, recruitment efforts directed toward older women and junior high school students, encouragement of "Schools of Allied Health Professions," greater utilization of indigenous nonprofessionals, coverage of the whole spectrum of allied health manpower training by federal legislation, and closer coordination among official agencies concerned with health services. Research needs are also cited. (JK)

VT 009 808 ED 035 721
Forgotson, Edward H.; Forgotson, Judith H.
Innovations and Experiments in Uses of Health Manpower--A Study of Selected Programs and Problems in the United Kingdom and the Soviet Union.

California Univ., Los Angeles
EDRS PRICE MF-$0.25 HC-$1.25
Reports Department, The Rand Corporation, 1700 Main Street, Santa Monica, California 90406 ($1.00).
Pub Date - Apr69 23p.

*FOREIGN COUNTRIES; PARAMEDICAL OCCUPATIONS; *JOB DEVELOPMENT; *MANPOWER DEVELOPMENT; *HEALTH OCCUPATIONS; *INNOVATION; NURSES; HEALTH PERSONNEL; MANPOWER NEEDS; MEDICAL SERVICES; PHYSICIANS
SOVIET UNION; UNITED KINGDOM; FELDSHERS

The purpose of the study was to obtain possible insights into the substantive or procedural facets associated with the proposed development in the United States of intermediate health professionals (defined as personnel involved in diagnosis and treatment of disease through direct patient contact who have had less than the professional education of the physician but more than that of the nurse). The authors examined the status of programs in the United Kingdom and the Soviet Union by holding discussions with officials in selected health facilities of these countries. Midwifery and coronary intensive care were studied in the United Kingdom and feldshers and feldersherism in the Soviet Union. It was concluded that neither of the countries provides programmatic or regulatory models that can be applied directly to the development and utilization of intermediate health professionals or medical auxiliaries in the United States. However, selected elements of the medical care systems in the countries studied do provide guidance for regulatory revision. The paper includes an introduction which states the case for the development of intermediate health professionals followed by reports of the findings in each of the two countries studied and conclusions based upon the findings. (JK)

VT 009 845 ED 034 865
Perry, J. Warren, Ed.
Manpower Conference for the Health Related Professions, and Dedication, School of Health Related Professions.

State Univ. of New York, Buffalo
Rehabilitation Services Administration (DHEW), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$7.75
Pub Date - 67 153p.

*HEALTH OCCUPATIONS; *HEALTH OCCUPATIONS EDUCATION; *PROFESSIONAL EDUCATION; MANPOWER NEEDS; *CONFERENCE REPORTS; COMMUNITY COLLEGES; OCCUPATIONAL THERAPY; PHYSICAL THERAPY
STATE UNIVERSITY OF NEW YORK AT BUFFALO; MANPOWER CONFERENCE FOR THE HEALTH RELATED PROFESSIONS, STATE UNIVERSITY OF NEW YORK AT BUFFALO, MAY 1-3, 1967

More than 400 persons including national leaders in government, educational, and professional organizations and agencies attended the dedication and the 3-day conference intended to focus attention on priority needs. Conference papers include: (1) "Serving Is a Privilege, Not a Problem," by M.E. Switzer, (2) "Regional Medical Programs: Continuing Education for Health Related Professions" by F.L. Husted, (3) "The Allied Health Professions--at the Flood Tide of Opportunity" by L. D. Fenninger, (4) "The Challenge to Education for the Health Professions in Meeting the Health Needs of Society" by E.F. Rosinski, (5) "Educating for the 'Helping Professions': An Underview" by S. Touster, (6) "Community Colleges: A New Resource in Meeting Health Manpower Needs" by S.V. Martorana, (7) "Programs in Junior Colleges" by N.M. Bering, (8) "Graduate School Programs in Medical Technology" by R.F. Hovde, (9) "Education of the Certified Occupational Therapy Assistant" by R.A. Robinson, (10) "Clinical Education" by R.Smiley, (11) "The Occupational Therapy Consultant" by F.M. Stattel, (12) "Opportunities for Research in Physical Therapy" by A.J. Szumski, and (13) "Trends in Patient Care and in the Educational Patterns of the Health Related Professions" by C.A. Worthingham. Two dedication presentations are also included. (JK)

VT 009 909 ED 034 871
Occupational Licensing and the Supply of Nonprofessional Manpower. Manpower Research Monograph No. 11.

Educational Testing Service, Princeton, N.J.
Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L1.39/3:11, $.60).
Pub Date - 69 60p.

*STATE LEGISLATION; *CERTIFICATION; *NONPROFESSIONAL PERSONNEL; EMPLOYMENT OPPORTUNITIES; EMPLOYMENT SERVICES

This monograph presents the results of an Educational Testing Service study, studies by the Council of State Governments, and research by the Department of Labor staff on State occupational license laws. Major sections include: (1) Composition and Powers of the Licensing Boards, (2) Eligibility Requirements (covering personal and technical qualifications and fees), (3) Licensing Practitioners from Other States, (4) Public Information, and (5) Manpower Implications. Implications discussed concern: (1) the need for better information, (2) the desirability of uniform codes, (3) the need to establish testing and grading standards, (4) work-experience requirements, (5) nontechnical requirements, (6) lack of training facilities as a barrier to occupational entry, and (7) the question of who should bear the cost of protecting the public. Information regarding the number of selected occupations which are licensed, the number of states licensing selected occupations, and a list of selected occupations licensed by the various states are appended. (JK)

VT 010 066 ED 035 739
Work Experience of Certified Laboratory Assistants.

National Committee for Careers in Medical Technology, Washington, D.C.
National Council on Medical Technology Education, Bethesda, Md.
Public Health Service (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.40
National Council on Medical Technology Education, 9650 Rockville Pike, Bethesda, Maryland 20014 (no charge).
Pub Date - Jan69 26p.

*SURVEYS; *MEDICAL LABORATORY ASSISTANTS; *JOB ANALYSIS; *EDUCATIONAL NEEDS; QUESTIONNAIRES; CERTIFICATION; HEALTH OCCUPATIONS EDUCATION; HEALTH OCCUPATIONS

Questionnaires concerning the nature of work performed and the work setting, plans for continuing formal education, and opinions regarding the relevancy of training received were sent to all individuals (3,282) certified by the Board of Certified Laboratory Assistants (CLA's) since certification began in 1965. Some findings from the 970 returned questionnaires were: (1) There was wide divergence in the utilization of CLA's; duties reached such unexpected areas as teaching, supervision, and X-ray and radioisotope work, (2) A surprising amount of independent operation was reported; 10 were in charge of their laboratories and a considerable number received only minimum supervision, (3) CLA training as outlined in the "Guide Book for Approved Schools of Certified Laboratory Assistants" was generally considered at least adequate, (4) The interest in continuing education was high, and (5) Some personnel who had studied and worked in the armed forces had evidently received a longer period of training than graduates of Certified Laboratory Assistant schools and wanted responsibility above the level of the CLA. (JK)

VT 010 086 ED 035 741
Technical Report on Occupations in Numerically Controlled Metal-Cutting Machining.

Manpower Administration (DOL), Washington, D.C. Employment Service
EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L7.2:M56, $.45).
Pub Date - 68 95p.

*EVALUATION; *METAL WORKING OCCUPATIONS; MANPOWER DEVELOPMENT; *AUTOMATION; *NUMERICAL CONTROL; *OCCUPATIONAL INFORMATION; BIBLIOGRAPHIES; GLOSSARIES
*METAL CUTTING MACHINES

At the present time, only 5 percent of the short-run metal-cutting machining in the United States is done by numerically controlled machined tools, but within the next decade it is expected to increase by 50 percent. Numerically controlled machines use taped data which is changed into instructions and directs the machine to do certain steps automatically and then test its own performance. This report compares requirements for operators of numerically controlled machines with conventional machines in terms of training, experience, aptitudes, interests, temperaments, physical demands, and working conditions, and discusses the implications of automatic drafting machines, digitizing machines, computer programing, manual parts programing, tool design and presetting, and program, tooling, and tape testing for the industry. The second part of the study provides job descriptions, for department planning, part programing, tool presetting, electronics maintenance, and 3 categories of operators which include job machine boring, milling machine, and vertical turret lathe operators. A glossary of terms and a bibliography are appended. (BC)

VT 010 156 ED 035 754
Grant, J. Douglas, And Others
Develop New Careers Ladders, With Appropriate Education Components, In the Administration of Justice. Technical Report.

New Careers Development Organization, Oakland, Calif.

Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.50 HC-$5.85 OEG-0-8-080715-4645(085) 08
BR-8-0715
Pub Date - 18Sep69 115p.

*CORRECTIONAL REHABILITATION; *LAW ENFORCEMENT; *OCCUPATIONAL MOBILITY; *TASK ANALYSIS; *EDUCATIONAL NEEDS; CAREER PLANNING; VOCATIONAL DEVELOPMENT
NEW CAREERS

This is a report of the first of three phases of a project to develop an education component for new careers within the Administration of Justice field. During this phase, four agencies agreed to participate: the Los Angeles County Probation Department, the Alameda County Probration Department, and the California State Departments of Corrections and Youth Authority. The primary accomplishment was the establishment of career ladders within the participating agencies with breakdowns by specific tasks of required knowledge and skills. There was an assessment of the climate of each agency for developing the necessary innovations, and program trends for the future were analyzed. Methodology included the use of a study group for each agency composed of three agency professionals, three preprofessionals (new careerists), and three clients of the system. (JK)

VT 010 281 ED 035 770
Health Manpower, United States 1965-1967; Vital and Health Statistics Data on National Health Resources. Public Health Service Publication No. 1000-Series 14-No. 1.

Public Health Service (DHEW), Washington, D.C. National Center for Health Statistics
EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS2.85/2:14:1, $.60).
Pub Date - Nov68 64p.

*NATIONAL SURVEYS; *HEALTH OCCUPATIONS; *LABOR SUPPLY; *EMPLOYMENT STATISTICS; PHYSICIANS; DENTISTS; NURSES; TABLES (DATA)

This report supplies summary statistics for 70 health occupations in 35 different health fields. The data was collected from such sources as educational programs, places of employment, and records of certification, licenses to practice, registration, and association memberships. In 1967 there were 34 million persons in health occupations. There were 305,500 physicians, 98,700 dentists, and 659,000 registered nurses and the remainder were in allied health occupations which required either specialized education or on-the-job training. This report is divided into seven different parts. The first two discuss how to measure the supply of health manpower and the sources of manpower statistics. The other five consider the health manpower situation in medicine, dentistry, nursing, pharmacy, and hospitals and nursing homes. (BC)

VT 010 296 ED 035 772
Peay, Moiselle
Personnel Training and Employment Needs of Hospital Food Services in Tennessee.

EDRS PRICE MF-$0.50 HC-$5.70
Pub Date - Dec69 112p.

*MANPOWER NEEDS; *EDUCATIONAL NEEDS; *HOSPITALS; *FOOD SERVICE OCCUPATIONS; *SUPERVISORS; MANAGERIAL OCCUPATIONS; CLERICAL WORKERS; FOODS INSTRUCTION; OCCUPATIONAL HOME ECONOMICS
TENNESSEE

Personnel training and employment needs in connection with food service were studied through interviews with hospital administrators and food service managers in 25 selected Tennessee hospitals. Mentioned most often by managers as important were the areas of communications and human relations for all job classifications except food preparation, food service, and food sanitation workers; for these workers, the area of sanitation and personal hygiene was considered more important. Other high ranking areas were: (1) for managerial personnel--management principles, human nutrition and food science, and personnel administration, (2) for supervisory personnel--principles of quantity food preparation and service, use and care of equipment, and sanitary and safety standards, (3) for clerical personnel--general principles of food inventory control, food issue, and stock room operation, basic mathematics, and menu and diet terminology, (4) for food preparation workers--food preparation for special diets, use of standardized recipes, and principles of quantity food preparation and service, (5) for food service workers--food display and service, human relations, and communications, (6) for food sanitation workers--use and care of equipment and safety. Positions considered to be most difficult to fill were those of food preparation and food sanitation workers. This M.S. thesis was submitted to The University of Tennessee. (JK)

VT 010 316 ED 036 640
Mental Health Manpower and the Psychiatric Technician.

California Society of Psychiatric Technicians, Sacramento
National Association of Psychiatric Technology, Sacramento
EDRS PRICE MF-$0.25 HC-$2.25
National Association of Psychiatric Technology, 1127 11th Street, Sacramento, California 95814 ($2.00).
Pub Date - nd 43p.

*MENTAL HEALTH; *CONFERENCE REPORTS; PSYCHIATRIC HOSPITALS; *PARAMEDICAL OCCUPATIONS; PROGRAMING; LEGAL PROBLEMS; CURRICULUM DESIGN
*ANNUAL CONVENTION OF THE NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY; FRESNO; CALIFORNIA, OCTOBER, 1967

Dynamic changes are taking place in the field of mental health care which have a great effect on those people who provide the primary services of patient care, rehabilitation, and training. In recognition of these changes, the National Association of Psychiatric Technology selected "Mental Health Manpower and the Psychiatric Technician" as the theme for its annual convention in 1967. This report presents six articles which represent a selected digest of the proceedings from the Fresno Convention. These are "Mental Health: the Dynamics of Revolution," "Mental Health Manpower in Transition," a symposium on Federal and state regulations of nursing services, "Legal Aspects of Utilization of Psychiatric Technicians in Mental Health Services," "Private Psychiatric Hospitals," and "Programing for the Future." A curriculum report is appended. (BC)

VT 010 370 ED 036 645
Terry, Howard Robert
Composite Profiles of Agricultural Machinery Service Occupations As Derived from Comparative Analyses Across Incumbents.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - 69 177p.

*JOB ANALYSIS; *COMPARATIVE ANALYSIS; *AGRICULTURAL MACHINERY; OCCUPATIONS; *OCCUPATIONAL INFORMATION; *SERVICE OCCUPATIONS; DOCTORAL THESES; INTERVIEWS; EMPLOYER ATTITUDES; EMPLOYEE ATTITUDES; EMPLOYMENT QUALIFICATIONS; EDUCATIONAL NEEDS; AGRICULTURAL EDUCATION; TECHNICAL EDUCATION; POST SECONDARY EDUCATION
DEERE AND COMPANY

Employers and service department employees in 10 Deere and Company dealerships in Ohio were interviewed to identify by job title each of the service occupations in the sample of dealerships and to develop both duty and non-duty descriptive profiles of each service occupation identified. Although 22 sub-titles were identified, similarities permitted condensing these into a list of nine titles: (1) parts man, (2) set-up man/field mechanic, (3) lawn and garden service manager, (4) mechanic, (5) set-up foreman, (6) parts manager, (7) shop foreman/service manager, (8) set-up man, and (9) truck driver/delivery man. Seven new positions were expected to emerge within a 5-year period. Work hours per week, hourly wages, life insurance coverage, paid sick leave, vacation and paid training leave allowed were variable non-duty features of the occupations. The number of duties performed by groups of job title incumbents ranged from seven for parts man to 19 for shop foreman/service managers and mechanics. The percentage of time "perfectly described" by the group job descriptions ranged from 58 percent for shop foreman/service managers to 90 percent for lawn and garden service managers. Recommendations for establishing post-high school programs to meet existing and anticipated manpower needs are included. This doctoral dissertation was submitted to The Ohio State University. (DM)

EVALUATION AND MEASUREMENTS SECTION

VT 000 477
A Study of Vocational-Technical Education for High School Age Students in Clackamas County.

Clackamas County Intermediate Education District, Oregon
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Aug65 70p.

*VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *HIGH SCHOOL STUDENTS; *FOLLOWUP STUDIES; SCHOOL INDUSTRY RELATIONSHIP; EMPLOYMENT POTENTIAL; EMPLOYMENT QUALIFICATIONS; PROGRAM EVALUATION; QUESTIONNAIRES
CLACKAMAS COUNTY; OREGON

The study proposed: (1) to determine whether those who sought permanent employment upon graduation from high school were being adequately prepared, and (2) to determine whether a vocational-technical high school curriculum might increase the percentage of students completing high schools. The findings of the Portland Metropolitan Area Manpower Resources Study were supplemented by going directly to local industries for additional data by use of an interview instrument asking employers the pros and cons of vocational-technical education, and obtaining specific curriculum suggestions from those favoring such education. The eight industries were: construction, manufacturing, wholesale trade, retail trade, transportation-communication-utilities, finance and insurance-real estate, service industries, and government. The findings include: (1) Almost unanimously, industrialists and local governmental spokesmen strongly favored increased high school offerings of vocational-technical education courses, (2) A majority of employers insisted on graduation from high school for jobs above unskilled labor, (3) There was criticism of deficiencies in writing, reading, spelling, and arithmetic as evidenced by recent graduates, and (4) Second highest in potential in job openings for those under age 25 was the service industrial group. (CH)

VT 004 353
Myers, Nancy Moore; Kivett, Vira Rodgers
Home Managers' Program, Evaluation.

Salisbury-Rowan County Community Service Council, N.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Aug67 141p.

*HOME MANAGEMENT; *HOMEMAKING SKILLS; PROGRAM DESCRIPTIONS; *PROGRAM EVALUATION; PROGRAM EFFECTIVENESS; HOME PROGRAMS; DISADVANTAGED GROUPS; *POVERTY PROGRAMS; ATTITUDES
SALISBURY-ROWAN COMMUNITY SERVICE COUNCIL; HOME MANAGER'S PROGRAM; NORTH CAROLINA

This evaluation was conducted to determine the effectiveness of the Home Manager's Program in uplifting deprived families through better home management. A questionnaire designed to show changes in knowledge, skills and attitudes was administrered to a randomly selected group of 37 women having received Home Manager's service and a group of 35 non-recipients, all of whom had "poverty linked" characteristics parallel to national poverty criteria. The individually interviewed sample showed that recipient women had: (1) more skill in homemaking, (2) more diet variety through wider use of economy foods, (3) more family sharing of responsibilities, and (4) fewer housekeeping problems. Women having contact with Home Managers were more cooperative than non-recipients during the survey. The survey indicated that older family members should share responsibility by finding jobs to raise the family's income. Parents must become aware of vocational education and encourage the occupational and educational aspirations of their children. More instruction is needed in budgeting, personal grooming, and health facilities. The underprivileged must learn to recognize and accept the need for personal and civic responsibility. Data in tabular form, the questionnaire, a bibliography and a description of the objectives, development and procedures of the Home Manager's Program is included. (FP)

VT 006 506
Smith, Veta Smith
Ability of a Value Inventory to Discriminate Among Homemakers with Different Characteristics.

Iowa State Univ. of Science and Technology, Ames
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 69p.

HOMEMAKING EDUCATION; *FAMILY LIFE; *PERSONAL VALUES; RATING SCALES; MASTERS THESES; ADULT EDUCATION; *ADULT CHARACTERISTICS; *HOMEMAKERS

This survey was made to learn if the inventory "Preferences of a Homemaker" developed by Smith discriminates among homemakers according to socio-economic status, age, educational level, having or not having children, number of children now living in the home, employment status, hours worked weekly, and pay per month. A stratified random sample of 281 participants were administered a rating scale type instrument comprised of 17 value status and 18 family life value items. Statistical analysis revealed one significant response variation attributable to personal characteristics. Homemakers having children but none living at home valued family life most, these with children at home ranked next, and those having no children valued it least. Conclusions are: (1) The inventory discriminates among homemakers in general on the values of status and family life, (2) It does not discriminate among homemakers according to their personal characteristics except when children are involved, and (3) Homemakers scores were higher on the family life scale than on the status scale. Recommendations are (1) to survey to compare with the surveyed sample, (2) to make several statistical adjustment in the inventory and (3) to disseminate the inventory to adult counselors and educators. A reference list, charts and tables, a follow-up letter, and the instrument and interpretation key are included. This masters thesis was submitted to Iowa State University of Science and Technology. (FP)

VT 007 258
Engelbart, Leon P.
Analyzing Vocational Competencies in Auto Mechanics.

Nebraska Occupational Needs Research Coordinating Unit, Lincoln
Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET. OEG-3-7-063032-1620 08
BR-6-3032
Pub Date - Oct68 43p.

*JOB SKILLS; *AUTO MECHANICS (OCCUPATION); *SKILL ANALYSIS; *MODELS; RESEARCH METHODOLOGY; TRADE AND INDUSTRIAL EDUCATION; QUESTIONNAIRES; OCCUPATIONAL INFORMATION; INTERPERSONAL COMPETENCE

The vocational area of auto mechanics was used as a vehicle for developing a model for determining the competencies required by semi-skilled and skilled workers in a vocational area. A review of literature pertinent to the training of auto mechanics was made to establish a list of job titles and competencies within each job title. The list of job titles and competencies was made into an interview form, and a second interview form was developed to secure a listing of the social competencies needed by each job title. The forms were used to interview workers, supervisors, and management personnel from a sample cross section of different types and

sizes of companies. The raw data were condensed into master tables which show the individual, general, and specific job competencies needed by workers in each job title. The procedures developed for securing a list of competencies for auto mechanics can be used in any or all vocational preparation areas by adapting the procedures to the local situation. The questionnaires used in the study are given in the appendixes. (HC)

VT 007 442
An Evaluation of The Curriculum Guide for Home Economics in New Hampshire Grades 9-12.

New Hampshire Research Coordinating Unit for Vocational-Technical Education, Concord
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 35p.

*HOMEMAKING EDUCATION; *HOME ECONOMICS TEACHERS; *CURRICULUM EVALUATION; QUESTIONNAIRES; SECONDARY GRADES; *STATE CURRICULUM GUIDE
NEW HAMPSHIRE

Home economics teachers were surveyed to determine the use and effectiveness of a 1965 New Hampshire Home Economics Curriculum Guide in order to gather qualitative and quantitative data from which inferences may be drawn and necessary change planned. The responses of the 103 teachers classified according to experience are presented by survey questions in tabular form. Strengths and weaknesses of the curriculum guide reported by teachers were: (1) They used it, (2) It was recommended for beginning and student teachers, (3) Only about half of the school's principals and guidance counselors were aware it existed, (4) It was weak in fulfilling needs of unique students and in problem solving, (5) Specialized guides are needed for foods and nutrition, family life, and child development, (6) It is a useful reference tool, (7) The majority feel that revision or supplementation in content areas is needed. The questionnaire is appended. (FP)

VT 007 829 ED 036 612
Burt, Samuel M.
Use of Industry-Advisory Committees as a Technique for Evaluating Vocational and Technical Education Programs.

Upjohn (W.E.) Inst. for Employment Research, Kalamazoo, Mich.
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS.
Pub Date - 68 31p.; Paper prepared for National Conference on Evaluating Vocational and Technical Education Programs (Atlantic City, Oct. 6-9, 1968).

*VOCATIONAL EDUCATION; *ADVISORY COMMITTEES; *SCHOOL INDUSTRY RELATIONSHIP; *PROGRAM EVALUATION; ORGANIZATION; GUIDELINES; QUESTIONNAIRES
ARKANSAS; NATIONAL CONFERENCE ON EVALUATING VOCATIONAL AND TECHNICAL EDUCATION PROGRAMS, ATLANTIC CITY, NEW JERSEY, OCT. 6-9, 1968

The use of Industry-Advisory Committees for evaluating specific vocational and technical education programs has long been recommended by vocational educators. Citizen evaluation of public occupational education is probably the most important factor affecting it whereby citizens assign responsibilities for occupational education and administer or withhold funds, personnel, and facilities. This paper describes the strategy being developed in the use of industry-advisory committees for evaluating vocational and technical education in Arkansas including organization of the evaluation committees and guidelines and background information which should be provided for them. The appendixes include the scope of the project for evaluating the vocational-technical programs in Arkansas, functions of the regional advisory councils, and a 3-year program plan for an advisory committee. (CH)

VT 008 202
Assessment Guidelines for Programs Under the Vocational Education Act of 1963.

Connecticut State Dept. of Education, Hartford. Div. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jan69 21p.

*PROGRAM EVALUATION; *VOCATIONAL EDUCATION; MANUALS; *EVALUATION CRITERIA; QUESTIONNAIRES; *SELF EVALUATION; EDUCATIONAL ADMINISTRATION; PROGRAM IMPROVEMENT; PERFORMANCE CRITERIA
CONNECTICUT

This manual is intended to provide an approach to evaluation of the effectiveness of vocational programs operating under the Vocational Education Act of 1963 and the state plan of Connecticut. It provides a basis for modification and improvement through program evaluation, not through teacher evaluation or the evaluation of specific techniques. The evaluation summarization form is presented along with instructions for using the form. Areas of evaluation for which guidelines are provided include program objectives, advisory committee, occupational objectives, course of study, related instruction, student selection, guidance, physical facilities, equipment, safety instruction, leadership and citizenship, resource materials, resource people, community visits, teacher certification, teacher schedule, student groups, and required reports. (CH)

VT 008 275
Day, Robert L.; Young, Mary R.
A Study to Determine the Adequacy of the Vocational Education Programs at the White Mountains Regional High School, Whitefield, New Hampshire.

New Hampshire Research Coordinating Unit for Vocational-Technical Education, Concord
Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 28Feb69 93p.

*VOCATIONAL EDUCATION; *PROGRAM EVALUATION; *PROGRAM IMPROVEMENT; *STUDENT ATTITUDES; OCCUPATIONS; MANPOWER NEEDS; EMPLOYMENT QUALIFICATIONS; PROGRAM DEVELOPMENT; QUESTIONNAIRES; *VOCATIONAL FOLLOWUP; EMPLOYMENT TRENDS
WHITE MOUNTAINS REGIONAL HIGH SCHOOL, WHITEFIELD, NEW HAMPSHIRE

In order to more realistically plan the vocational program of the White Mountains Regional High School, a study was conducted to determine the occupational trends of recent high school graduates; the occupations with manpower shortages; the jobs within an occupation where more training is needed, the specific training recommended by employers; and new areas in which occupational training is needed. Data were collected by survey instruments administered to area businesses, and by questionnaires developed for each of the vocational subject areas and administered to the graduates as well as the dropouts for the years 1963 through 1967. Responses were received from 53 percent of the graduates and 33 percent of the dropouts. Conclusions include: (1) a potential two-thirds of the students would benefit from high school occupational training programs, and (2) the most logical area of expansion in vocational training programs would be in the construction field, particularly carpentry and brick masonry, and in industrial woodworking. (CH)

VT 008 434
The Hospital Employees Technological Training Program; Final Report and Evaluation.

New York City Community Coll., N.Y. Div. of Continuing Education and Extension Services
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Mar69 46p.

QUESTIONNAIRES; *NURSES AIDES; *INSERVICE COURSES; OCCUPATIONAL MOBILITY; COMMUNITY COLLEGES; LABOR UNIONS; *HOSPITALS; *PROGRAM EVALUATION

This study attempted a short-term evaluation of the effectiveness of a training program which evolved from a need for improvement in patient services and a concurrent need for career mobility for nurse aides employed by the New York City Department of Hospitals. Twelve 4-week courses in ambulance, inhalation, obstetrical, and operating room technology were offered between January and December 1968. Evaluation was by: (1) questionnaires sent to 465 of the 751 employees completing the program, from which 124 useable replies were received, (2) interviews held with supervisory personnel program graduates, and (3) weekly reports by instructors. Although the graduates felt courses were too short, general response was favorable. Ninety-seven percent of the questionnaire respondents indicated they were considering furthering their education and, of this group, 27 percent had actually taken steps to do so. Responses from supervisors were inconclusive. (JK)

VT 008 903
Miller, Patricia A.; Gaston, Alice C.
Opinions of Ninth and Twelfth Grade Girls and Young Homemakers as to Knowledge and Competencies Needed for Roles as Homemakers.

Colorado Springs School District Eleven, Colorado. Div. of Secondary Education
MF AVAILABLE IN VT-ERIC SET.
Colorado Springs School District Eleven, 1115 North El Paso Street, Colorado Springs, Colorado 80903 ($.50).
Pub Date - May69 38p.

HOME ECONOMICS; HOMEMAKING EDUCATION; *HOMEMAKING SKILLS; *OPINIONS; HIGH SCHOOL STUDENTS; JUNIOR HIGH SCHOOL STUDENTS; YOUNG ADULTS; *SURVEYS; QUESTIONNAIRES
*COLORADO SPRINGS; COLORADO

A questionnaire consisting of 55 statements of competencies to be ranked by degree of importance was completed by 48 ninth grade girls, 49 twelfth grade girls, and 42 young homemakers in order to assess the opinions of competencies at different maturity levels. Twelfth grade girls and young homemakers agreed on the following rank order of categories: (1) family and child rearing, (2) food preparation, nutrition, and meal planning, (3) management and consumer skills, (4) housing, furnishings, and equipment, and (5) clothing selection, care, and construction. Ninth grade girls differed by placing clothing skills ahead of the third and fourth categories above. Lower socioeconomic subjects ranked clothing competencies above housing, furnishings, and equipment competencies. While high school graduates and non-graduates ranked family and child rearing first and clothing skills last, they disagreed on other rankings. Graduates ranked management and consumer skills second, food knowledge and skills third, and housing, furnishings and equipment fourth. Non-graduates placed food knowledge and skills second, housing, furnishings, and equipment third, and management and consumer skills fourth. (JK)

VT 009 614 ED 034 039
Kirby, Frederick C.; Castagna, Paul A.
Benefit-Cost Analysis of TAT Phase I Worker Training. Training and Technology Project. Special Report.

Atomic Energy Commission, Oak Ridge, Tenn.
Office of Education (DHEW), Washington, D.C.
Department of Labor, Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.80
Pub Date - Jul69 34p.

*COST EFFECTIVENESS; *SKILLED WORKERS; *TRAINING; VOCATIONAL EDUCATION; *STATISTICAL ANALYSIS; WELDING; TABLES (DATA); ELECTRONICS; DRAFTING; MACHINISTS; QUALITY CONTROL; EXPERIMENTAL PROGRAMS
*TRAINING AND TECHNOLOGY PROJECT PHASE I

The purpose of this study is to estimate costs and benefits and to compute alternative benefit-cost ratios for both the individual and the Federal Government as a result of investing time and resources in the Training and Technology (TAT) Project. TAT is a continuing experimental program in training skilled workers for private industry. The five occupational areas included in the study are mechanical drafting, welding, machining, industrial electronics, and physical testing-quality control. Data were obtained by analyzing two samples of 70 persons each; one sample selected from 407 TAT trainees, the other sample from 1,500 qualified applicants not admitted because of limited space. The methodology, the cost of training to the Federal Government, the expected value of income differences between the trained and control groups by year, the expected value of tax differences accruing to the Federal Government by year, and the computation of the number of deductions per pay check are appended. (CH)

VT 009 690 ED 034 055
Kraft, Richard H.P.
Cost Effectiveness Analysis of Vocational-Technical Education Programs. A Pilot Study. Final Report (October 14, 1968 to June 30, 1969).

Florida State Univ., Tallahassee. Educational Systems and Planning Center
Florida State Dept. of Education, Tallahassee. Div. of Vocational, Technical and Adult Education
EDRS PRICE MF-$0.75 HC-$8.80
Pub Date - Jun69 174p.

*COST EFFECTIVENESS; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; AREA VOCATIONAL SCHOOLS; TAXES; *STATISTICAL ANALYSIS; WAGES; *MATHEMATICAL MODELS; PROGRAM COSTS
FLORIDA

This study was concerned with the collection and analysis of empirical data regarding the public and private costs and some utility aspects of vocational-technical education at two educational centers. Activities included establishing: (1) occupational objectives of programs offered, (2) the degree of attainment of occupational objectives by graduates in terms of earnings levels, (3) a cost-effectiveness ratio, by dividing the private and public costs per student by a ranked utility number assigned to the earnings level of each sampled graduate and computing a mean ratio for each program, and (4) a simulation model with respect to optimizing a number of interacting variables such as staff and facility organization and utilization. The study report is preceded by a literature review and discussions of cost-utility as an emerging concept, the cost-benefit role in Planning, Programming, and Budgeting Systems (PPBS), and cost-utility systems in school administration. A model for further analysis is presented following the study report. (JK)

VT 009 691 ED 034 056
Reinhart, Bruce; Blomgren, Glen H.
Cost Benefit Analysis--Trade and Technical Education. Final Report.

California Univ., Los Angeles. Div. of Vocational Education
California State Dept. of Education, Sacramento. Bureau of Industrial Education
EDRS PRICE MF-$0.50 HC-$4.20
Pub Date - Aug69 82p.

*COST EFFECTIVENESS; *VOCATIONAL EDUCATION; ACADEMIC EDUCATION; PROGRAM COSTS; ON THE JOB TRAINING; RESEARCH PROPOSALS; RESEARCH REVIEWS (PUBLICATIONS)

This report contains introductory material on cost-benefit analysis, reviews of cost benefit studies by Andrew J. Corazzini and by Jacob J. Kaufman and others, a discussion of the basic concepts of cost-benefit analysis, and a discussion of two possible approaches to cost-benefit analysis of vocational education: (1) vocational versus academic education, and (2) vocational versus vocational education, which includes on-the-job training costs for graduates of the various curriculums. The report concludes: (1) The typical study thus far has been limited in scope; an implicit problem has been that of comparing different means as alternate means to the same ends, (2) The vocational versus vocational education approach would render unlike curriculums comparable, and (3) Cost-benefit analysis is a useful decisional tool for allocating funds, but it assesses only the economic efficiency of a program. A plan for a possible cost-benefit analysis study of vocational education is presented in the appendix. (JK)

VT 009 751 ED 034 845
National Correlations in Medical Technology Education. A Report of a Study of Medical Technologists.

National Council on Medical Technology Education, Memphis, Tenn.
National Committee for Careers in Medical Technology, Washington, D.C.
EDRS PRICE MF-$0.50 HC-$5.75
National Council on Medical Technology Education, 9650 Rockville Pike, Bethesda, Maryland 20014 (no charge).
Pub Date - 31Aug67 113p.

*HEALTH OCCUPATIONS; LABORATORY TECHNOLOGY; *MEDICAL TECHNOLOGISTS; *HEALTH OCCUPATIONS EDUCATION; *PROFESSIONAL EDUCATION; CERTIFICATION; CURRICULUM; STUDENT ENROLLMENT; LABORATORIES; CLINICAL EXPERIENCE; PERFORMANCE; ACADEMIC ACHIEVEMENT

This study seeks to obtain baseline information about the relationships among medical technology education, certification, and job performance. The sample was 1,861 technologists who filed for the July 1962 certification examination. Information concerned: (1) performance in preclinical and clinical study, and in the certification examination, (2) schools of medical technology, (3) characteristics of medical technologists and laboratory supervisors, and (4) job performance ratings. Some general findings were: (1) There was no statistically significant difference between job performance ratings of technologists who passed and those who failed the certification examination, and (2) More of those who passed the certification examination had received satisfactory preclinical grades and were rated "excellent" or "good" in clinical study performance than those who failed. General conclusions were: (1) Curriculums leading to the Bachelor of Science degree in medical technology constitute more adequate preparation for the profession than other curriculums, and (2) Clinical education programs which employ certified technologists with college degrees and which enroll more than eight students appear to be more successful. Questionnaires are appended. (JK)

VT 009 795 ED 034 853
Spiess, Kathryn H., Ed.; Spiess, Eugene R., Ed.
A Guide to Evaluation; Massachusetts Information Feedback System for Vocational Education. First Technical Progress Report.

Massachusetts Research Coordinating Unit for Vocational Education, Boston
EDRS PRICE MF-$0.50 HC-$6.15
Pub Date - Sep69 121p.

*INFORMATION SYSTEMS; *PROGRAM EVALUATION; *STATE PROGRAMS; *VOCATIONAL EDUCATION; EVALUATION METHODS; MODELS; EVALUATION CRITERIA; EDUCATIONAL OBJECTIVES; COST EFFECTIVENESS; ACCREDITATION (INSTITUTIONS); *EVALUATION TECHNIQUES; QUESTIONNAIRES
MASSACHUSETTS

A total educational information system for evaluation of vocational education in Massachusetts is described. Specifically, the evaluation guide describes the evaluation plan, reveals the philosophy of evaluation upon which the design was built, outlines the processes of evaluation called for in the design, introduces the forms for data collection that will be used in the design, and acts as a reference manual for those persons at the local level responsible for conducting specified segments of the design. The system is presented in four phases: (1) Program Evaluation, (2) Process-Product Evaluation, (3) Cost-Benefit Evaluation, and (4) Evaluation of Vocational-Technical Education (Impact Study). (CH)

VT 009 798 ED 035 719
Holliday, L.P.
Appraising Selected Manpower Training Programs in the Los Angeles Area.

Rand Corp., Santa Monica, Calif.
Office of Economic Opportunity, Washington, D.C.
EDRS PRICE MF-$0.25 HC-$2.00
Memorandum RM-5746-OEO
Reports Department, The Rand Corporation, 1700 Main Street, Santa Monica, California 90406 ($1.00).
Pub Date - May69 38p.

*MANPOWER PROGRAMS; *EVALUATION; *MANPOWER DEVELOPMENT; UNIT COSTS; DEMONSTRATION PROJECTS; SURVEYS; SYSTEMS ANALYSIS
*THEORETICAL AND EMPIRICAL ANALYSIS

To examine selected manpower programs in the Los Angeles area, the Rand Corporation devised theoretical and empirical methods of analysis. The four different types of empirical studies which were made were a survey of employers, former youth-project enrollees, interaction between staff and enrollees, and a cost analysis of manpower projects. The theoretical models dealt with training and unemployment. The report also surveyed the various methods of program evaluations and concluded that more than one program should be evaluated simultaneously. Six different manpower program systems were examined but only "extension Zero" yielded reliable and unbiased data. For this system, a computer clerk took information over the telephone and filled out a computer card. For later reference, the computer provided such data as population trends of the project and job placement. The report also included suggestions for two demonstration projects. A table of summary unit costs of manpower programs is appended. (BC)

VT 009 868
Seagren, P.W.
Evaluation of Vocational-Technical Education Program Effectiveness.

California Univ., Los Angeles. Div. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 19Aug69 12p.

*SPEECHES; *PROGRAM EFFECTIVENESS; *PROGRAM EVALUATION; *MANAGEMENT; *VOCATIONAL EDUCATION; GUIDELINES; SECONDARY EDUCATION; POST SECONDARY EDUCATION; ADULT EDUCATION

Program management techniques were adopted from business and industry in order to provide an efficient and effective program of occupational training. The techniques include: (1) loss of tools or damage reports, (2) check-in system for instructors, (3) trainee attendance control, (4) use of facilities, (5) organizational structure, (6) instructor evaluation, (7) production requests, (8) curricular standards, (9) cost effectiveness, (10) advisory committees, and (11) accreditation. (CH)

VT 010 065 ED 035 738
Films on Jobs, Training, and the Ghetto; An Evaluative Guide.

American Foundation on Automation and Employment, Inc., New York, N.Y.
DOCUMENT NOT AVAILABLE FROM EDRS.
American Foundation on Automation and Employment, Inc., 280 Park Avenue, New York, New York 10017 ($4.50).
Pub Date - 69 50p.

*GUIDES; *FILMS; *GHETTOS; *TRAINING; *JOBS; QUESTIONNAIRES
*JOB FILM FAIR

This 47-page evaluative guide to films on jobs, training, and the ghetto was prepared at the first International Job Film Fair. The Fair was held in New York City, May 21-22, 1969, and was sponsored by the American Foundation on Automation and Employment. Films were obtained through a variety of film, industrial, and educational media. The panel members who reviewed the films represented the business community, labor unions, government agencies, education, civil rights, community and public affairs organizations, the film industry, and job training organizations. Each film was evaluated by means of a questionnaire form filled out by panel members, designed to find out how well the film fulfilled its goal, the type of language used, technical quality, audience appeal, and creativity. The films are listed in alphabetical order and information about time, type of film, producer, distributor, and retail and purchase price are included. An alphabetical guide to producers and distributors is appended. (BC)

VT 010 098 ED 034 894
Kittleson, Howard M.
Attitudes Toward Entrepreneurial Behavior and Education--Their Relationship to Instruction. Final Report.

Minnesota Univ., St. Paul. Dept. of Agricultural Education
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.75 HC-$6.75
BR-7-1050 OEG-0-8-071050-4663(085) 08
Pub Date - Sep69 133p.

*COST EFFECTIVENESS; *ADULT FARMER EDUCATION; *ATTITUDES; *PROGRAM EFFECTIVENESS; *FARM MANAGEMENT; FARMERS; VOCATIONAL AGRICULTURE TEACHERS; ATTITUDE TESTS
MINNESOTA

To evaluate the non-economic returns to investment of resources in education, a study was conducted to determine the effect of farm management instruction on attitudes toward education and farming, relationships existing between attitudes and farm income, and whether students' attitudes become more like their instructor's with increasing years of instruction. The groups in the study were: (1) farm families who submitted records for analysis in the 1967 Minnesota Farm Management Program, (2) farm families who had dropped out of the program later than 1964, (3) farm families selected at random from 10 counties, and (4) agriculture instructors responsible for farm management programs. The 70 percent response to the 90-item attitude instrument revealed a general improvement in attitudes related to more years of instruction, with a strong suggestion of diminishing marginal returns. Families in other than well-organized programs had scores negatively related to instructors; in well-organized programs scores were positively related. All differences in attitudes were very slight. There is a need for a revision of methods, subject matter, or both if adult vocational agriculture instructors want to claim significantly-improved attitude as a product of their educational program. (DM)

VT 010 099 ED 034 895
Glendening, Richard N.
Education and Economic Growth in Iowa; Final Report.

Central Coll., Pella, Iowa
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$1.15
BR-8-F-132 OEG-6-9-008132-0053(010) 24
Pub Date - Aug69 21p.

*STATISTICAL STUDIES; *STATISTICAL ANALYSIS; *INCOME; *ECONOMIC DEVELOPMENT; *EDUCATION; HYPOTHESIS TESTING; BIBLIOGRAPHIES; TABLES (DATA); CAPITAL
*COBB-DOUGLAS FUNCTION; AGRICULTURAL CAPITAL; NONFARM CAPITAL; IOWA

To study the relationship of education to economic growth for the state of Iowa, the hypothesis that increasing the level of education for the labor force would lead to higher levels of income or economic growth was tested for the period from 1950-1967. The Cobb-Douglas production was used to evaluate the relationship. The function used labor nonfarm capital, agricultural capital, and the average level of education for the independent variables, and a linear equation was developed using logarithms. The results of the survey were not conclusive. The labor and agriculture variables were significant at the 95 percent level but the latter had a negative regression coefficient. The negative sign showed that agriculture was not in equilibrium, which in turn caused overinvestment in agriculture. The signs were positive for the nonfarm and education variables, but they were significant only at the 90 percent level. One explanation was that the education variable did not account for the variations in contribution to economic growth of the different educational expenditures. Another reason was that the nonfarm capital estimate was not a good approximation of the true capital value. (BC)

FACILITIES AND EQUIPMENT SECTION

VT 002 848
Pisani, T.J.
At Last, for That Limited Budget, A Testing Machine within Reach of All.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 14p.

*TRADE AND INDUSTRIAL EDUCATION; *LABORATORY EQUIPMENT; EQUIPMENT MANUFACTURERS; KINETICS; TESTING; PHYSICAL CHARACTERISTICS

A course in materials testing in the high school should provide for physical tests of tension, compression, transverse, and shear on any ferrous, nonferrous, or nonmetallic material in standard or odd shapes. This paper describes a universal testing machine and accessories, suitable for classroom instruction in the practical knowledge and the applications of theoretical analysis in materials testing. The versatility of the equipment is explained by outlining experiments in stress-strain relationship, tension test, compression-wood, transverse of wood beams, and joint tests that are within the machine's capacity. (HC)

VT 008 881
A Report on the Use of Buildings and Equipment.

National Advisory Council on Education for Industry and Commerce, London (England)
DOCUMENT NOT AVAILABLE FROM EDRS.
Sales Section, British Information Service, 845 Third Avenue, New York, New York 10022.
Pub Date - 68 39p.

*TECHNICAL INSTITUTES; *SPACE UTILIZATION; *EQUIPMENT UTILIZATION; *STAFF UTILIZATION; *SCHEDULING; FOREIGN COUNTRIES; SCHOOL INDUSTRY RELATIONSHIP; EDUCATIONAL FACILITIES; EDUCATIONAL EQUIPMENT
ENGLAND

The effective use of England's technical college resources was studied concerning: (1) the problems which face colleges in adapting existing premises and equipment to changes in educational methods and requirements, and (2) the steps which have been taken to deal with these problems within the existing resources. Information was gathered by means of questionnaires and personal interviews with administrators of selected technical colleges. Aspects of this study include the use of classroom, laboratories, workshops, and equipment; maintenance and cleaning services; and cooperation with industry. The committee recommended the implementation of a timetable system which would show: (1) the arrangement and distribution of courses and classes, (2) the loading of rooms in terms of time, subject, and student numbers, and (3) the loading and location of staff. (CH)

VT 009 199 ED 033 210
Smith, Irving G.
Involvement of the Industrial Arts Teacher in Planning Industrial Arts Facilities.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - 69 245p.

*INDUSTRIAL ARTS; SCHOOL SHOPS; SUPERINTENDENTS; *INDUSTRIAL ARTS TEACHERS; DOCTORAL THESES; BIBLIOGRAPHIES; *SCHOOL PLANNING; *EDUCATIONAL FACILITIES; QUESTIONNAIRES; SURVEYS; ARCHITECTS; TEACHER EDUCATORS; INTERVIEWS

Secondary school industrial arts teachers, industrial arts teacher educators, superintendents, and architects were surveyed to determine what role the secondary industrial arts teacher should have in the planning of industrial arts facilities. The findings indicated that teacher educators considered it more important for industrial arts teachers to be involved than did either superintendents or industrial arts teachers. It was concluded that: (1) all three educator groups believed industrial arts teachers should be involved in determining educational objectives, course offerings, and certain physical specifications, (2) professional preparation had little relationship to opinions of teachers regarding involvement of industrial arts teachers in planning, and (3) previous involvement of industrial arts teachers in planning had slight relationship to the opinion of superintendents concerning the involvement of industrial arts teachers in planning. Architects indicated: (1) the extent of involvement of industrial arts teachers in planning has been limited, and professional preparation inadequate, and (2) Industrial arts teachers should review and evaluate the architect's preliminary plans. This Ed.D. dissertation was submitted to the University of Missouri. (GR)

VT 009 475 ED 033 226
Kishkunas, Louis J.
A Comprehensive Concept for Vocational Education Facilities: Introduction, Flexibility through Modularity, Space Determination, Schematic Modernization, A School Planner's Guide to the Pittsburgh Building Code, Appendixes.

Pennsylvania State Dept. of Public Instruction, Harrisburg. Bureau of Technical and Continuing Education
Pittsburgh Board of Public Education, Pa.
EDRS PRICE MF-$1.75 HC-$22.70
Pub Date - Oct66 452p.

*VOCATIONAL EDUCATION; *EDUCATIONAL FACILITIES; *FACILITY GUIDELINES; *SCHOOL PLANNING; *SCHOOL ADMINISTRATION; SCHOOL BUILDINGS; SCHOOL SHOPS; FLEXIBLE FACILITIES; SPATIAL RELATIONSHIP; BUILDING DESIGN; SPACE UTILIZATION; TRAINING LABORATORIES; EQUIPMENT UTILIZATION; BUILDING CONVERSION; STATE STANDARDS; BUILDING IMPROVEMENT; SCHOOL DESIGN; MODULAR BUILDING DESIGN
*PITTSBURGH; PENNSYLVANIA

Methods in use in industry are suggested for providing vocational facilities that are flexible and adaptable to changing conditions, Academic and vocational activities are allowed to intermix in order to implement interdisciplinary educational situations. A systems approach to construction enabling specification of building components to fulfill the needs of vocational activities is forwarded in this eight-volume report: (1) Introduction, containing an overview of the changing world of work and solutions that can be provided by better facilities, (2) Flexibility Through Modularity, discussing ways of increasing equipment mobility, providing adaptability in mechanical service systems, and constructing flexible space, (3) Space Determination, describing a planning technique which utilizes computer simulation, (4) Schematic Modernization, describing the hypothetical modernization of an existing building, (5) A Planners' Guide to the Pittsburgh Building Code, (6) Appendix, recording the results of a nationwide survey of state space standards and the space utilization in existing vocational rooms in Pittsburgh schools, (7) Appendix, containing background information, and (8) Summary, reviewing project goals, methodology, objectives, and a copy of the project proposal. (DM)

INDIVIDUALS WITH SPECIAL NEEDS SECTION

VT 001 231
Liebert, Lisa
New Careers and Model Cities: A Partnership for Human Renewal.

New York Univ., N.Y. New Careers Development Center
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Aug67 12p.

*COMMUNITY SERVICES; PROFESSIONAL PERSONNEL; *SUBPROFESSIONALS; ENTRY WORKERS; *VOCATIONAL EDUCATION; OCCUPATIONAL MOBILITY; *VOCATIONAL DEVELOPMENT; EMPLOYMENT
MODEL CITIES; *NEW CAREERS

Model Cities legislation makes possible experimentation and innovation on a scale not available before. The program places emphasis upon meeting the needs for employment and human services--health, education, and welfare--of families and individuals in the model communities. A way of utilizing the latent capabilities of persons to provide the necessary human services in their own communities is present in the New Careers program which proposes: (1) Many tasks now performed by professionals can be satisfactorily and more appropriately performed by non-professionals, leaving the professional free to devote himself to creative and supervisory duties at his own level of advanced training, and (2) Non-professionals initially hired as aides should be motivated and helped to ascend the career ladder to professional standing via on-the-job programs. The New Careers program could serve as a central integrative force within the Model Cities project as large numbers of productive people would be placed at the service of the community. (JK)

VT 001 967
Cooperman, Irene G.; Sonne, Thomas R.
The Employment Adjustment of Veterans with Histories of Psychosis and Psychoneurosis. Technical Report.

Veterans Administration, Washington, D.C. Dept. of Veterans Benefits
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 ($.25).
Pub Date - Jan63 50p.

*SURVEYS; *EMOTIONALLY DISTURBED; *VOCATIONAL ADJUSTMENT; *EMPLOYMENT; RESEARCH METHODOLOGY; TABLES (DATA)
*VETERANS; WORLD WAR II; KOREAN CONFLICT

World War II and Korean Conflict veterans with histories of functional psychiatric conditions were surveyed to determine employment status and employment adjustment. The stratified random sample of 2,707 veterans, drawn from a population estimated to number 290,000 was similarly distributed on the variables of military service period, age, psychosis-psychoneurosis classification, and severity of impairment as measured by percentage disability rating. In line with the objectives of the study, 355 veterans known not to be employed were eliminated from the sample. Of the remaining 2,352 veterans, data were collected by questionnaire from 1,819 or 77.3 percent. The findings revealed that seven of every 10 veterans in the sample were employed: 84 percent were employees and 16 percent were self-employed. Also, satisfactory job adjustment was being made by 90 percent of the sample: 35 percent were considered to be both satisfactorily adjusted and advancing on the job; 55 percent were making a satisfactory adjustment but not advancing. The degree of vocational adjustment achieved by these veterans provides a basis for questioning the validity of any negative stereotyped view regarding the vocational potential of persons with histories of functional psychiatric conditions. A publication of 337 related case briefs is available as VT 004 837 (also in this issue). (CH)

VT 002 705
Vocational Rehabilitation of Disabled Public Assistance Clients (Johnson, Martin, and Lawrence Counties).

Kentucky State Dept. of Education, Frankfort. Bureau of Rehabilitation Services
Kentucky State Dept. of Economic Security, Frankfort. Div. of Public Assistance
*Vocational Rehabilitation Administration (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 180ct67 48p.

REHABILITATION COUNSELING; *REHABILITATION PROGRAMS; *VOCATIONAL REHABILITATION; *PHYSICALLY HANDICAPPED; ON THE JOB TRAINING; *WELFARE RECIPIENTS; INTERAGENCY COOPERATION; *DEMONSTRATION PROJECTS; WELFARE AGENCIES

Findings and implications of a 3-year interagency research, development, and demonstration program to rehabilitate disabled public assistance recipients and applicants are reported. Eighty-six percent more public assistance recipients were rehabilitated in a three-county area during the project than in the 3 years prior to 1964. The evidence indicates that specialized counseling results in more people receiving services, becoming rehabilitated, and obtaining gainful employment. The combined efforts of the rehabilitation counselor and the public assistance case worker resulted in successful rehabilitation of many difficult cases previously reluctant to accept rehabilitation services. Rehabilitation was most successful with the 16-30 year old group. Public assistance case workers need to be aware of the rehabilitation program and the need for early referral. Of the 220 rehabilitated cases, 66 were removed from the public assistance roles; of the remaining 70 percent, 89 or 44 percent were housewives and 26 percent were potential public assistance cases. It is clear that the investment of time, effort, and money in the rehabilitation of disabled public assistance recipients or potential cases is justified by the actual savings of money spent in public assistance payments. References, selected statistical data, employment follow up, and the written agreements between the involved agencies, are included in the document. (FP)

VT 002 715
Vocational Rehabilitation of Disabled Public Assistance Clients. Leslie, Harlan and Bell Counties.

Kentucky State Dept. of Education, Frankfort. Bureau of Rehabilitation Services
Kentucky State Dept. of Economic Security, Frankfort. Div. of Public Assistance
Vocational Rehabilitation Administration (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
RD-1533-D
Pub Date - 30Sep67 109p.

*DEMONSTRATION PROJECTS; WELFARE AGENCIES; REHABILITATION COUNSELING; *REHABILITATION PROGRAMS; *VOCATIONAL REHABILITATION; *PHYSICALLY HANDICAPPED; *WELFARE RECIPIENTS; ON THE JOB TRAINING; INTERAGENCY COOPERATION

Agencies providing services essential to the rehabilitation process cooperated in a 3-year demonstration project designed to develop and carry out a concentrated program of services for disabled public assistance applicants and recipients. At the close of the project, 169 of the 322 cases had been rehabilitated and 134 were still in process. A comparison of 200 accepted and 200 closed-not accepted cases showed: (1) Among the unaccepted sample there were more vague complaints, men, minors, and participants in previous vocational rehabilitation programs, (2) Educational and work force participation for the past 12 weeks was higher for the accepted sample, (3) 94 of the 200 accepted cases had been closed and rehabilitated at the close of the

project at an average cost of $355.00, and (4) Of the 94 who were rehabilitated, 56 were homemakers. It was concluded that the program objectives had been realized. Future program planners should be aware that: (1) A large majority of the referrals will be homemakers and persons without job prospects who need physical restoration, (2) Fear of financial loss is a fundamental concern of those declining the service, and (3) There should be more attention given to rehabilitation for younger persons and the mildly retarded. Tables, case histories, the project proposal and agency policies are included in the document. (FP)

VT 003 723
Amendments to the Vocational Rehabilitation Act. Hearings Before the Select Subcommittee on Education (Washington, D.C., July 18-20, 27, 1967).

Congress of the U.S., Washington, D.C. House Committee on Education and Labor
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 157p.

*VOCATIONAL REHABILITATION; *FEDERAL LAWS; *FEDERAL AID; *CONFERENCE REPORTS
VOCATIONAL REHABILITATION ACT AMENDMENTS; *HEARINGS BEFORE THE SELECT SUBCOMMITTEE ON EDUCATION OF THE COMMITTEE ON EDUCATION AND LABOR, WASHINGTON, D.C., JULY 18-20, 27, 1967

The document presents the text of H.R. 8981, a bill to amend the Vocational Rehabilitation Act, extending and expanding the authorization of grants to states for rehabilitation services, providing assistance for migrants and authorizing assistance in the establishment and operation of a National Center for Deaf-Blind Youth and Adults. Statements to the subcommittee under the chairmanship of Dominick V. Daniels include those of John W. Gardner, Mary E. Switzer, Peter J. Salmon, E.B. Whitten, Howard A. Rusk, Howard Hanson, Ancher Nelsen, Beatrice Holderman, Merle Frampton, Clare D. Rejahl, Terence E. Carroll, John F. Nagle, James Garrett, and Douglas C. MacFarland. Additional statements, letters, and other supplemental materials are included. (JK)

VT 003 901
Quinlan, Pierce A.
Graduates of the Norfolk Project 1 Year Later. Manpower Evaluation Report Number 5.

Office of Manpower, Automation and Training (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Oct65 30p.

*VOCATIONAL FOLLOWUP; GRADUATES; DROPOUTS; *ADULT VOCATIONAL EDUCATION; *NEGROES; *MALES
MANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS; MDTA PROGRAMS; NORFOLK PROJECT

This report reviews employment experience of graduates of the Norfolk Project, a program to train disadvantaged persons. The cumulative employment rate over the intervening year was 99 percent for graduates, and at the time of the evaluation, 41 percent had training-related jobs. One of the most important effects of the program was the graduates' willingness and ability to remain on a job for an extended period. While racial discrimination did not appear to limit employment, age over 45 and police records did. The effects of training seemed to drop over time. Masonry graduates were the most successfully employed, earning about $4.00 per hour. Due to cutbacks at a local plant and low entry wages, custodial graduates were disillusioned and had a tendency to fall back on previous patterns of unemployment. Auto mechanics graduates, with poor educational backgrounds, short training periods, and lack of experience had difficulty in obtaining employment. Electronics graduates, although having the highest educational background, also experienced diverse employment problems. (EM)

VT 003 902
Rosofsky, Rose G.; Goldstein, Benjamin
Training of Public Assistance Recipients under the MDTA. Manpower Evaluation Report, Number 6.

Office of Manpower Policy, Evaluation, and Research (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Manpower Administration, Office of Manpower Policy, Evaluation, and Research, U.S. Department of Labor, 14th Street and Constitution Ave., N.W., Washington, D.C. 20210.
Pub Date - Apr66 34p.

*PUBLIC SUPPORT; *WELFARE RECIPIENTS; *STUDENTS; *INDIVIDUAL CHARACTERISTICS; *JOB TRAINING
MANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS; MDTA PROGRAMS

By the end of February, 1965, after 2 1/2 years of Manpower Development and Training Act (MDTA) program operations, reports were received on almost 14,000 recipients of public assistance enrolled in institutional training, representing 9 percent of the 158,000 trainees on whom individual reports had been received. Projected to the estimated total of 195,000 enrollees in institutional training programs, the number of public assistance trainees can be placed at between 17,000 and 18,000. The profile of these trainees indicates: (1) most are heads of families, (2) as often a woman as a man, (3) larger than average number of dependents, (4) the majority are long-term unemployed, (5) educational attainment below other trainees, (6) typically in prime working age from 22 to 44 years old, (7) almost half non-white, and (8) most found in large, densely populated, industrial states. Some results of training are: (1) Overall employment rate was 64 percent (62 percent for women), (2) Placement rate varied among different occupations for which enrollees were trained, and (3) Earnings were on a level with other MDTA trainees. (EM)

VT 004 748
To Work Again...To Live Again. The Vocational Rehabilitation of Homebound Veterans.

Veterans Administration, Washington, D.C. Dept. of Veterans Benefits
MF AVAILABLE IN VT-ERIC SET.
VA Pamphlet 21-65-1
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (VA1.19:21-65-1, $.45).
Pub Date - Mar65 136p.

*VOCATIONAL REHABILITATION; *VETERANS EDUCATION; *HOMEBOUND; *HOME INSTRUCTION; *PROGRAM DESCRIPTIONS; SPECIAL PROGRAMS; CASE STUDIES (EDUCATION); BIBLIOGRAPHIES

Field experience in the vocational rehabilitation of more than 200 disabled veterans so seriously handicapped as to require vocational rehabilitation in their homes provides the basis for this report. Problems encountered and solutions developed at each stage of the program are presented for illustrative purposes. The development of vocational plans involved assessing the veterans' readiness for vocational rehabilitation, degree of family assistance to be expected, and the adequacy of the veterans home as a training facility. The veterans whose rehabilitation is reported in this study had the assistance of a skilled professional team, including medical consultants, occasional counselor, vocational rehabilitation specialist, and the vocational instructor. Experiences of the program are described at length, from finding a qualified instructor to the development of possibilities following the completion of training. Selective case narratives, cases in study by training objective and disability, and a selected bibliography are appended. (CH)

VT 004 837
Cooperman, Irene G.; Sonne, Thomas R.
They Return to Work. The Job Adjustment of Psychiatrically Disabled Veterans of World War II and Korean Conflict.

Veterans Administration, Washington, D.C. Dept. of Veterans Benefits
MF AVAILABLE IN VT-ERIC SET.
VA Pamphlet 22-9
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 ($.70).
Pub Date - Jan63 214p.

*CASE STUDIES (EDUCATION); *SURVEYS; *EMOTIONALLY DISTURBED; *VOCATIONAL ADJUSTMENT; *EMPLOYMENT; CLASSIFICATION; OCCUPATIONS
*VETERANS; WORLD WAR II; KOREAN CONFLICT; DICTIONARY OF OCCUPATIONAL TITLES, VOLUME II

Occupations employing psychiatrically disabled World War II and Korean Conflict veterans are illustrated with 337 selected case briefs showing a wide range of vocational adjustment. The briefs all follow a similar format: a description of the veteran's current job and adjustment to it, followed by an account of how he got the job and his previous work experience and psychiatric history, including available information about present general adjustment. The briefs are classified by occupation in accordance with the occupational classification structure in Volume II of the Dictionary of Occupational Titles. A related technical report is available as VT 001 967 (also in this issue). (CH)

VT 004 904
Glaser, Edward M.; Houston, Clifford G.
An Evaluation Follow-Up Study of the JOC Experimental Demonstration Project for the Communities of Denver and Pueblo, Colorado. Final Report.

Human Interaction Research Inst., Los Angeles, Calif.
Office of Manpower Policy, Evaluation, and Research (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Sep67 121p.

*PROGRAM EVALUATION; FOLLOWUP STUDIES; *EXPERIMENTAL PROGRAMS; *DEMONSTRATION PROGRAMS; JOB PLACEMENT; ON THE JOB TRAINING; *DISADVANTAGED GROUPS; *ADULT VOCATIONAL EDUCATION; UNEMPLOYED; EMPLOYMENT PROGRAMS
DENVER; PUEBLO; COLORADO

The Job Opportunity Centers (JOC) in Denver and Pueblo, Colorado, were funded by The Office of Manpower Policy, Evaluation, and Research for the 20-month period from October, 1964, to June, 1966. Some objectives were: (1) to provide an intensive program of recruitment, selection, counseling, testing, referral to training, and placement of a minimum of 500 unemployed heads of families, (2) to place a minimum of 100 of the 500 in on-the-job training situations, and (3) to help the disadvantaged acquire basic educational, social, and other skills needed to help them adjust to community life as it now exists. In September, 1965, the Secretary of Labor awarded a 24-month contract to the Human Interaction Research Institute to conduct a follow-up study of the work of the JOC. The descriptive studies and critique of JOC operations and empirical studies of JOC outcomes indicates that little in the way of productive outcomes emerged from the JOC project. JOC not achieving its expectations is not an indication that the idea of an experimental-demonstration project of this type is not worth trying. More accurately construed, it may be an indication of the extent to which relatively unqualified people were able to cope with the complexities of what is now recognized as one of the more difficult undertakings in our highly complex society. (HC)

VT 004 954 ED 036 606
Vocational Rehabilitation Act Amendments of 1968. Hearings Before the Select Subcommittee on Education (Washington, D.C., March 27-28, April 2-3, 1968).

Congress of the U.S., Washington, D.C. House Committee on Education and Labor
EDRS PRICE MF-$0.75 HC-$9.65
Pub Date - 68 191p.

*VOCATIONAL REHABILITATION; *FEDERAL LAWS; *FEDERAL AID; *CONFERENCE REPORTS
VOCATIONAL REHABILITATION ACT AMENDMENTS OF 1968; *HEARINGS BEFORE THE SELECT SUBCOMMITTEE ON EDUCATION OF THE COMMITTEE ON EDUCATION AND LABOR, WASHINGTON, D.C., MARCH 27-28, APRIL 2-3, 1968

The document presents the texts of H.R. 15827 and H.R. 16134--to revise and extend the Vocational Rehabilitation Act--and House Joint Resolution 811--to remove the present limitation on the amount authorized to be appropriated for the work of the President's Committee on Employment of the Handicapped and for other purposes. Statements to the subcommittee under the chairmanship of Dominick V. Daniels include those of E.B. Whitten, Morris Brand, Antonio C. Suazo, Mary E. Switzer, Charles L. Roberts, Harold Russell, Adrian E. Towne, Nathan B. Nolan, Elizabeth Boggs, Howard W. Pollock, Olive Banister, and Carl Morring, Jr. Additional letters and statements are included. (JK)

VT 006 300
Ebert, Gladys Meyer
Suggestions for Homemaking Programs to Meet Needs of Educable Mentally Retarded Pupils.

Iowa State Univ. of Science and Technology, Ames
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 249p.

*EDUCABLE MENTALLY HANDICAPPED; *CURRICULUM DEVELOPMENT; CASE STUDIES (EDUCATION); MENTAL TESTS; BIBLIOGRAPHIES; COURSE CONTENT; *MASTERS THESES; MENTAL RETARDATION; SECONDARY GRADES; *EDUCATIONAL METHODS; *HOMEMAKING EDUCATION

A pilot study was conducted to gather data upon which to base curriculum decisions for home economics programs for the educable mentally retarded. Characteristics of individuals placed in special education classes were reviewed. Special education teachers, homemaking teachers, supervisors of work-study programs, and employers of girls who had completed the program were interviewed. Five case studies were made of girls enrolled in the senior high school work study program in home economics for the educable mentally retarded. Home economics program content and methods were analyzed. Conclusions were: (1) Curriculum content should be based on occupational and personal adequacy, as well as social competence, (2) Home economics subject matter content should be correlated with the experience units currently presented in special education classes, (3) Content, methods, rate of progress, and evaluation should be planned to allow for individual differences, and (4) Methods should be based on learning theories effective with the educable mentally retarded. The case studies, terminology, mental tests, pertinent statistics, and a bibliography are included in the document. This Master of Science thesis was submitted to Iowa State University of Science and Technology. (FP)

VT 006 714
Joseph, Michael P., And Others
The Minneapolis Work Opportunity Center. A Summary of Activity and Research for the Period, May, 1966 to June, 1968.

Minneapolis Public Schools, Minn. Work Opportunity Center
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jun68 43p.

*WORK STUDY PROGRAMS; VOCATIONAL ADJUSTMENT; *TEACHING TECHNIQUES; DROPOUT PROGRAMS; *DROPOUT REHABILITATION; *PROGRAM DESCRIPTIONS; STUDENT EMPLOYMENT; COSTS; *STUDENT CHARACTERISTICS
MINNEAPOLIS WORK OPPORTUNITY CENTER

The Center's program involves skill training, academic study, job orientation, counseling, and attitude modification. Since September, 1966, 1,830 students had made contacts with the Center and 879 of these had finished orientation and training. Intake procedure included psychological testing, health examinations, and personal data collection. Some of the 18 programs are: (1) Child Care, (2) Distributive Education, (3) Dry Cleaning, (4) Homemaking, (5) Machine Shop, (6) Mathematics, (7) Social Studies, (8) Tailoring, and (9) Welding. During the first 2 years of operation $1,126,880.92 was expended indicating a $1,282 cost for each of the 879 students who finished the programs. Specific techniques are discussed and the results of local research on students and program success are presented. (EM)

VT 007 192
Minutes. Annual Meeting (Washington, D.C., April 27, 28, 1967).

President's Committee on Employment of the Handicapped, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 68p.

*CONFERENCE REPORTS; *PHYSICALLY HANDICAPPED; *MENTALLY HANDICAPPED; *NATIONAL ORGANIZATIONS; *REHABILITATION PROGRAMS
*THE PRESIDENT'S COMMITTEE ON EMPLOYMENT OF THE HANDICAPPED, WASHINGTON, D.C., APRIL 27-28, 1967

During the first morning of the 29th Annual President's Committee on Employment of the Handicapped, presentations were given by Margaret Mead, Frank Blair, and Hubert H. Humphrey. Awards for "Handicapped American of the Year," "Ability Counts," and "Distinguished Service" were also given. Afternoon panel discussions were: (1) Sheltered Workshops: New Departures; (2) Medical Criteria for Employment Readiness; (3) Total Rehabilitation: The Social and Economic Need of Our Time; (4) Cooperation, Coordination, and Communications in Hiring the Handicapped Worldwide; (5) Vocational and Technical Education for the Physically Handicapped and Mentally Retarded, (6) The Disabled Veteran Comes Home; (7) Employment of the Mentally Restored: Three Approaches; and (8) Handicapped Homemakers. The second morning was devoted to eight demonstrations of personal success or useful methods by handicapped persons. Other convention activities included: (1) a luncheon to honor "old timers," (2) an address by Paul A. Strachan, and (3) a Women's Committee banquet. (EM)

VT 007 219
Evaluation of the Job Upgrading Programs as Expanded Through the Use of Elementary and Secondary Education Act, Title I, Funds, April--August, 1966.

Detroit Public Schools, Mich. Research and Development Dept.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Apr67 20p.

*PILOT PROJECTS; *DROPOUT REHABILITATION; *ON THE JOB TRAINING; *FEDERAL AID; REMEDIAL READING PROGRAMS; CASE STUDIES (EDUCATION); PROGRAM EVALUATION
ELEMENTARY SECONDARY EDUCATION ACT, TITLE I; ESEA

To evaluate the effectiveness of a program to upgrade the employability of school dropouts and potential dropouts, 1,035 trainees enrolled in the regular program, 1965-1966, and 440 enrolled in the operational phase of the expanded program, May-August, 1966 were studied. Trainees assigned to remedial work in reading were administered a standardized test at the beginning and conclusion of the instructional phase. The central staff and teacher-coordinators provided reports and responded to an evaluation survey instrument. Findings indicated that paid work training from May through August increased more than tenfold compared with the previous 4-month period. Data available on trainees participating in the summer program indicate that by September, 16 percent were employed, 36 percent were returning to regular school, 36 percent were still in the job upgrading program as active students or on follow up, and 12 percent had left the program. Seventy percent of the teacher-coordinators responding to a survey felt that the job upgrading program would be more effective if there were a city-wide policy defining a positive closer relationship between the job upgrading and the regular school program. (CH)

VT 007 231
Walton, Barbara J.
Final Report and Evaluation of the Women's Talent Corps New Careers Program 1966-67.

Women's Talent Corps, New York, N.Y.
Office of Economic Opportunity, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - May68 61p.

*WORKING WOMEN; *TECHNICAL EDUCATION; PROGRAM EVALUATION; *EDUCATIONAL DISADVANTAGEMENT; *COMMUNITY SERVICE PROGRAMS; *SERVICE OCCUPATIONS
WOMEN'S TALENT CORPS; WTC

The Women's Talent Corps (WTC), funded by an Office of Economic Opportunity "Title 207" demonstration grant, proposed to: (1) train women from low-income areas to serve as paraprofessionals in community service agencies of New York, and (2) create permanent jobs where none had previously existed in these agencies by demonstrating what trained community women could do. By bringing community residents into schools, hospitals, and settlement houses, it was hoped that growing distrust and even hostility between professionals in social service and the community they serve would diminish. The WTC established a training institute to provide both classroom work and on-the-job experience staffed with instructors who were former professionals. Major accomplishments were: (1) providing remunerative employment in human service fields for all of its graduates, (2) creating new paraprofessional jobs in New York City schools where none had existed before and laying the foundation for such jobs in other community agencies, (3) establishing a college of human services insuring the continued professional growth of new careerists in community service fields, and (4) stimulating personal and intellectual growth in a group of underprivileged community women. An evaluation report considers: (1) recruitment and selection, (2) the training programs, (3) the coordinators, and (4) institutional change. Follow-up data and conclusions concerning the program's impact as well as the problems it has encountered are included. (FP)

VT 007 295
Brody, Adele Cutler
Career-Oriented Training; A Necessary Step Beyond Job Training.

New York Univ., N.Y. New Careers Training Lab.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 7p.

*COMMUNITY SERVICES; *VOCATIONAL DEVELOPMENT; PROFESSIONAL PERSONNEL; *CAREER PLANNING; *SUBPROFESSIONALS; VOCATIONAL EDUCATION; ENTRY WORKERS; OCCUPATIONAL MOBILITY
*NEW CAREERS

Thousands of jobs are vacant for lack of trained, skilled personnel to fill them, with an intensification of shortages in the highly-skilled human services occupations. Public service agencies are encouraged to utilize the new careers concept which approaches job progression and concurrent training as a long-range goal so that a "ladder" to professional status is created with the entry-level job as the first rung. (JK)

VT 007 770 ED 029 100
Offenders as a Correctional Manpower Resource. Report of a Seminar (Washington, D.C., March 7-8, 1968).

Joint Commission on Correctional Manpower and Training, Washington, D.C.
EDRS PRICE MF-$0.50 HC-$5.50
Joint Commission on Correctional Manpower and Training, 1522 K Street, N.W., Washington, D.C. 20005 ($1.00).
Pub Date - Jun68 108p.

*CONFERENCE REPORTS; *MANPOWER DEVELOPMENT; *CORRECTIVE INSTITUTIONS; *MANPOWER UTILIZATION; *PRISONERS; REHABILITATION; REHABILITATION PROGRAMS; POLITICAL ISSUES; PILOT PROJECTS; MODELS; PROGRAM DEVELOPMENT; COMMUNITY ATTITUDES; SOCIAL PROBLEMS; HUMAN SERVICES

The use of the offender and ex-offender as manpower resources in corrections is a practice about which there is little agreement but an enormous amount of concern. Self-help programs such as Alcoholics Anonymous and Synanon have attracted wide attraction. The concept of using a product of the problem to help others with the same problem is not new, but it has been applied only to a limited degree in the rehabilitation of the public offender. To allow a full expression of views on this topic, the papers given at this meeting examine the promise and problems of such a program for the offender himself, for the correctional system and for society. Presentations include: "Offender Participation in the Correctional Process: General Theoretical Issues" by LaMar T. Empey; "Sources of Resistance to the Use of Offenders and Ex-Offenders in the Correctional Process" by Donald R. Cressey; and "Vital Components of a Model Program Using the Offender in the Administration of Justice" by J. Douglas Grant. A summary of this report is available as VT 008 867 (also in this issue). (CH)

VT 008 092
Unemployed Out-of-School Youth Survey.

Cleveland Public Schools, Ohio. Bureau of Educational Research
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec66 46p.

*URBAN YOUTH; *OUT OF SCHOOL YOUTH; *UNEMPLOYED; *COMMUNITY SURVEYS; *YOUNG ADULTS; *INDIVIDUAL CHARACTERISTICS; EDUCATIONAL BACKGROUND; WORK ATTITUDES; WORK EXPERIENCE; JOB TRAINING
*CLEVELAND

This survey included the specific objectives of: (1) learning the extent of unemployment among out-of-school youth, 16 to 21 years of age; (2) formulating a description of unemployed youth in terms of level of education, duration of time out of school, attitude toward obtaining job training, duration of Cleveland residence, and past full-time employment; and (3) learning the extent of unemployment among persons 21 to 29 years of age. Over 20,000 separate households in 12 areas in which unemployment was thought to be most acute were contacted to obtain usable data on a sample of 2,157 youth, age 16 to 21 years and 1,431 individuals, age 21-29 years. Some findings are: (1) Approximately one out of two out-of-school youth is unemployed, (2) Two out of five of the individuals age 21-29 are unemployed, (3) Unemployment seems to be decreasing, and (4) Equal percentages of employed and unemployed had participated in job-training programs. (CH)

VT 008 244
McWherter, Jo Ann; Schmidt, Jo Ann
Vocational-Technical Education Brings Success to These Tennesseeans. Volumes I and II.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 85p.

*VOCATIONAL RETRAINING; *AREA VOCATIONAL SCHOOLS; *STUDENTS; INDIVIDUAL CHARACTERISTICS; *SUCCESS FACTORS
TENNESSEE

These two publications contain the success stories of 30 people enrolled in Tennessee's program of Vocational-Technical Education, attesting the importance of occupational education for employment. Donald McGuire's story is typical of those reported. Donald came out of the army with no trade or skill and began working in a factory. "I was just mule," he said seriously, "All I did was handle material--hard lifting, pushing, and straining. After 8 years I was making a top of $1.67 per hour and had no room for advancement." Then Donald enrolled in the Newberg Area Vocational-Technical School. In the machine shop, he learned to make parts and tools from metal and became interested in drafting. After graduation he found employment in a local plant as a machinist and later was promoted to draftsman. Donald is one of many who will be able to make a new life as a result of the knowledge and skills gained at one of Tennessee's area vocational-technical schools. (CH)

VT 008 543 ED 036 615
Colella, Henry V., Comp.; Gleason, John J., Comp.
Selected Bibliography of Books, Pamphlets, Periodicals, and Curriculum Guides in Work Study for the Educable Retarded.

Massachusetts State Dept. of Education, Boston
Boston Univ. School of Education, Mass. New England Materials Instruction Center
EDRS PRICE MF-$0.25 HC-$1.05
Pub Date - Apr69 19p.

*TEXTBOOKS; *PERIODICALS; *INSTRUCTIONAL MATERIALS; *EDUCABLE MENTALLY HANDICAPPED; *BIBLIOGRAPHIES

This bibliography of literature on the educable mentally retarded contains three types of materials: (1) 26 textbooks such as "The Economics of Vocational Rehabilitation," by Ronald Conley and "Selected References on the Education and Vocational Rehabilitation of Mentally Retarded Adolescents and Adults," by George Ayers,

(2) 123 periodicals and pamphlets which discuss subjects such as "A Place in High School for the Mentally Retarded," "The Fairfax Plan: A High School Program for Mildly Retarded Youth," and "Occupational Values of Retarded Students," and (3) 88 curriculum guides which include a secondary level resource guide for educable mentally retarded, and an Oklahoma curriculum guide for teacher coordinators of educable mentally retarded students. (CH)

VT 008 568
Kokaska, Charles J., And Others
Annotated Bibliography of Literature Related to Industrial Arts for the Mentally Retarded.

Eastern Michigan Univ., Ypsilanti. Dept. of Industrial Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 69 7p.

*ANNOTATED BIBLIOGRAPHIES; *INDUSTRIAL ARTS; *MENTALLY HANDICAPPED; SLOW LEARNERS; RETARDED CHILDREN; EXCEPTIONAL CHILDREN

This annotated bibliography cites 20 publications on industrial arts for the mentally retarded ranging in date from 1955 to 1968. Entries come from journal articles and are arranged alphabetically according to author. (GR)

VT 008 743
Administration and Effectiveness of Work Experience and Training Project in Kent County, Michigan under Title V of the Economic Opportunity Act of 1964. Report to the Congress.

Comptroller General (GAO), Washington, D.C.
Department of Health, Education, and Welfare, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 3Apr69 79p.

*FEDERAL PROGRAMS; *POVERTY PROGRAMS; *ADULT VOCATIONAL EDUCATION; *PROGRAM EFFECTIVENESS; *PROGRAM EVALUATION; EMPLOYMENT PROGRAMS; EMPLOYMENT SERVICES; WORK EXPERIENCE; DISADVANTAGED GROUPS
*ECONOMIC OPPORTUNITY ACT OF 1964 AS AMENDED

The Kent County work experience and training project is reviewed in compliance with legislation requiring reviews of programs authorized by the Economic Opportunity Act of 1964 as amended. The review is concerned with the efficiency of program administration and the extent which these programs achieve the objectives set forth in the Act. An examination of related legislative history and of administrative policies and procedures affecting the objectives of the work experience and training program is included. Also reviewed were project proposals, reports, correspondence, and other pertinent records of project operations in Kent County as well as case records for 70 randomly selected trainees, including their assignments, attendance, and assistance payments. Sixty of the 70 selected trainees were interviewed to obtain views and comments of those directly affected. Although, because of intangible factors, the total effect of this project could not be evaluated conclusions were that the project served a useful purpose consistent with the objectives of the Act. (CH)

VT 008 836 ED 036 617
Research in Correctional Rehabilitation.

Rehabilitation Services Administration (DHEW), Washington, D.C.
Joint Commission on Correctional Manpower and Training, Washington, D.C.
EDRS PRICE MF-$0.50 HC-$3.95
Joint Commission on Correctional Manpower and Training, 1522 K Street, N.W., Washington, D.C. 20005 ($1.00).
Pub Date - Dec67 77p.; Report presented at a seminar (Washington, D.C., July 6-7, 1967).

*CONFERENCE REPORTS; SPEECHES; REHABILITATION; *CORRECTIONAL REHABILITATION; *RESEARCH; PROGRAM EVALUATION; LEGAL PROBLEMS; ADMINISTRATIVE PROBLEMS; COLLEGE COOPERATION; ETHICAL VALUES
JOINT COMMISSION ON CORRECTIONAL MANPOWER AND TRAINING, WASHINGTON, D.C., JULY 6-7, 1967

Forty-three leaders in corrections and rehabilitation participated in the seminar planned to provide an indication of the status of research in correctional rehabilitation. Papers include: (1) "Program Trends in Correctional Rehabilitation" by John P. Conrad, (2) "Federal Offenders Rehabilitation Program" by Percy B. Bell and Merlyn Mathews, (3) "Alcoholic Offender Rehabilitation Project" by Milton K. Davis, (4) "Plastic Surgery Program for Rehabilitation of Offenders" by Wallace Mandell, (5) "A Cooperative Program for Alleviation of Juvenile Behavior Problems" by Glen K. Wallace, (6) "Current Information Basis for Evaluating Correctional Programs" by Don M. Gottfredson, (7) "Ethical and Legal Issues in Experimentation with Offender Population" by Gilbert Geis, (8) "Testability of Correctional Goals" by Clarence C. Sherwood, and (9) "Organizational Structures for Research in Correctional Rehabilitation" by Kenneth Polk. Brief presentations by four correctional administrators of their views on research in correctional rehabilitation are also included. "Manpower and Training Implications of the Seminar" by Rudy Sanfilippo and Jo Wallah include: (1) development of favorable administrative climate for conducting evaluation research, (2) development of well conceived research programs along with realistic staffing patterns, and (3) assistance to action agencies by colleges and universities. (JK)

VT 008 837
Research in Correctional Rehabilitation. Summary. Correctional Briefings Number Eight.

Joint Commission on Correctional Manpower and Training, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 4p.

*CONFERENCE REPORTS; *CORRECTIONAL REHABILITATION; *RESEARCH; COLLEGE COOPERATION; ETHICAL VALUES
JOINT COMMISSION ON CORRECTIONAL MANPOWER AND TRAINING, WASHINGTON, D.C., JULY 6-7, 1967

"Research in Correctional Rehabilitation" is summarized. See abstract of ED 036 617 or VT 008 836 (also in this issue) which is the complete study. (JK)

VT 008 848 ED 031 576
McNickle, Roma K., Ed.
Differences That Make the Difference.

Joint Commission on Correctional Manpower and Training, Washington, D.C.
EDRS PRICE MF-$0.50 HC-$3.85
Joint Commission on Correctional Manpower and Training, 1522 K Street, N.W., Washington, D.C. 20005 ($1.00).
Pub Date - Aug67 75p.; Papers presented at a seminar on the Implications of Cultural Differences for Corrections (Washington, D.C., January 30-31, 1967).

SPEECHES; *CORRECTIONAL EDUCATION; *REHABILITATION; CULTURAL DISADVANTAGEMENT; MINORITY GROUPS; SEMINARS; DELINQUENT REHABILITATION; CRIMINALS; INDIGENOUS PERSONNEL; *CULTURAL DIFFERENCES; *CULTURAL FACTORS; CULTURAL INTERRELATIONSHIPS; *ETHNIC GROUPS
*SEMINAR ON THE IMPLICATIONS OF CULTURAL DIFFERENCES FOR CORRECTIONS, WASHINGTON, D.C., JANUARY 30-31, 1967

A total of 20 representatives of state and federal agencies, universities, national voluntary associations, and the staff of the Joint Commission on Correctional Manpower and Training participated in a conference to encourage the inclusion of content relating to different cultural groups in the training of persons who work with these groups in the field of corrections. Papers presented in the document were given by individuals who are members of minority groups or have worked closely with them, and were entitled: (1) "Mexican-Americans," (2) "Spanish-Speaking People of the Southwest," (3) "American Indians," (4) "Japanese-Americans," (5) "American Negroes," (6) "Puerto Ricans," and (7) "The Job Corps Experience with Minorities." Recommendations in the summary presentation, "Cultural Differences: Implications for Corrections" include: (1) incorporating content on cultural differences into training programs, (2) using minority group members as instructors, (3) training future workers "in context," (4) matching workers with client groups, (5) locating offices in areas where offenders live, and (6) employing ex-offenders as workers. A summary of this report is available as VT 008 849 (also in this issue). (JK)

VT 008 849
Differences That Make the Difference. Summary. Correctional Briefings Number One.

Joint Commission on Correctional Manpower and Training, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 6p.

*PERSONNEL; *REHABILITATION; *MINORITY GROUPS; *DELINQUENT REHABILITATION; *CRIMINALS; SEMINARS; CULTURALLY DISADVANTAGED; CORRECTIONAL EDUCATION
JOINT COMMISSION ON CORRECTIONAL MANPOWER AND TRAINING; SEMINAR ON THE IMPLICATIONS OF CULTURAL DIFFERENCES FOR CORRECTIONS, WASHINGTON, D.C., JANUARY 30-31, 1967

"Differences That Make the Difference" is summarized. See abstract of ED 031 576 or VT 008 848 (also in this issue) which is the complete report. (JK)

VT 008 852
Polk, Kenneth
The University and Corrections: Potential for Collaborative Relationships.

Joint Commission on Correctional Manpower and Training, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Joint Commission on Correctional Manpower and Training, 1522 K Street, N.W., Washington, D.C. 20005 ($1.00).
Pub Date - Jan69 85p.

*CORRECTIONAL REHABILITATION; INTERAGENCY COOPERATION; *COLLEGE COOPERATION; PROFESSIONAL PERSONNEL; *INSERVICE EDUCATION; *PRESERVICE EDUCATION; *PROGRAM DEVELOPMENT; PROGRAM DESCRIPTIONS; HUMAN SERVICES; PROGRAM PROPOSALS
JOINT COMMISSION ON CORRECTIONAL MANPOWER AND TRAINING

This paper is presented in three major parts. "Some General Considerations" explores problems in collaboration from the standpoint of the university and the agency, reviews the pressures for relevancy of the university, and describes the present educational structure of the university. "Some Models for Collaborative Education and Training" describes undergraduate and specialty training programs with significance for the corrections field such as: (1) the Antioch College cooperative program, (2) the San Diego State College undergraduate social welfare program, (3) the University of Oregon School for Community Service and Public Affairs, (4) the University of Southern California Delinquency Control Institute, and (5) the Office of Juvenile Delinquency and Youth Development training centers. "Directions for Cooperative Development of Corrections and Education" presents a wide range of feasible model programs. A comprehensive model would be a public university school of human service including: graduate and undergraduate programs, an external unit for programs of inservice and preservice training and community education, a New Careers program, and a research unit. A summary of this report is available as VT 008 853 (also in this issue). (JK)

VT 008 853
The University and Corrections: Potential for Collaborative Relationships. Summary. Correctional Briefings Number 10.

Joint Commission on Correctional Manpower and Training, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jan69 4p.

*COLLEGE COOPERATION; *CORRECTIONAL REHABILITATION; *INSERVICE EDUCATION; *PRESERVICE EDUCATION; *PROGRAM DEVELOPMENT; INTERAGENCY COOPERATION; PROFESSIONAL PERSONNEL; HUMAN SERVICES; PROGRAM PROPOSALS

"The University and Corrections: Potential for Collaborative Relationships" is summarized. See abstract of VT 008 852 (also in this issue) which is the complete study. (JK)

VT 008 867
Offenders as a Correctional Manpower Resource. Summary. Correctional Briefings Number Four.

Joint Commission on Correctional Manpower and Training, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 4p.

*INDIGENOUS PERSONNEL; *MANPOWER DEVELOPMENT; *MANPOWER UTILIZATION; *PRISONERS; *CORRECTIONAL REHABILITATION; *CORRECTIVE INSTITUTIONS; NEW CAREERS

"Offenders As a Correctional Manpower Resource" is summarized. See abstract of ED 029 100 or VT 007 770 (also in this issue) which is the complete study. (JK)

VT 008 897 ED 032 409
Cohen, Fred
The Legal Challenge to Corrections: Implications for Manpower and Training.

Joint Commission on Correctional Manpower and Training, Washington, D.C.
EDRS PRICE MF-$0.50 HC-$5.90
Joint Commission on Correctional Manpower and Training, 1522 K Street, N.W., Washington, D.C. 20005 ($1.00).
Pub Date - Mar69 116p.

*CORRECTIONS; *CIVIL RIGHTS; *PRISONERS; COURT LITIGATION; PROBATIONARY PERIOD; PROBATION OFFICERS; PAROLE OFFICERS; JUVENILE COURTS; CRIMINALS; DELINQUENTS; CORRECTIVE INSTITUTIONS; LEGAL RESPONSIBILITY
JOINT COMMISSION ON CORRECTIONAL MANPOWER AND TRAINING

Workers in the field of corrections will find in this consultant's paper an examination of: (1) legal changes outside the area of the criminal process which have implications for corrections, (2) legal changes within the area of the criminal process, and (3) legal norms as a background for analyzing problems in the area of corrections. Intended as a ready reference, and as training material, the paper is elaborately documented. The five major sections concern: (1) the broad context of legal change in areas of governmental activity, (2) sentencing, (3) probation and parole, (4) imprisonment and the loss and restoration of civil rights, and (5) the juvenile correctional process. There is a pressing need for a model code of correctional procedure, and possible approaches to and some of the difficulties involved in the drafting of such a code are discussed. A summary of the document is available as VT 008 898 (also in this issue). (JK)

VT 008 898
The Legal Challenge to Corrections: Implications for Manpower and Training. Summary. Correctional Briefings Number 11.

Joint Commission on Correctional Manpower and Training, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Mar69 4p.

*CORRECTIONAL REHABILITATION; *CIVIL RIGHTS; PROBATIONARY PERIOD; COURT LITIGATION; *PRISONERS
JOINT COMMISSION ON CORRECTIONAL MANPOWER AND TRAINING

"The Legal Challenge to Corrections: Implications for Manpower and Training" is summarized. See abstract of ED 032 409 or VT 008 897 (also in this issue) which is the complete study. (JK)

VT 009 256
Beacham, Herbert C.
Background and Economic Status of Unemployed Negroes of Tampa, Florida and Their Opinions Regarding Training, Retraining, and Relocation for Work.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - 69 241p.

*UNEMPLOYED; *NEGROES; *COMMUNITY SURVEYS; *VOCATIONAL EDUCATION; *ECONOMIC STATUS; WELFARE RECIPIENTS; EDUCATIONAL BACKGROUND; RELOCATION; EMPLOYMENT EXPERIENCE; INDIVIDUAL CHARACTERISTICS
TAMPA; FLORIDA

To ascertain the background and economic status of unemployed Negroes in Tampa, Florida and their opinions regarding training, retraining, and relocation for work, 781 unemployed Negroes in the following groups were interviewed: (1) insurance claimants, (2) youth 16 to 19, and (3) welfare recipients. Employment Service, welfare, and training agency officials were also interviewed. Findings relating to the unemployed group were: (1) 265 were male and 516 female, (2) Most were long time Tampa residents, (3) The mean educational grade attainment for males was 8.1 and for females 9.4, (4) Approximately 65 percent had had no previous vocational training, (5) About 77 percent were single, divorced, or separated, (6) Except for older adults, most reported health status as good, (7) Most lived in rented quarters with dependent children or relatives for whom they provided either entire or partial support, mainly from welfare benefits, (8) More than 90 percent had experienced one to four periods of joblessness in 1968, (9) Older adults had had few jobless periods but these were longer, (10) About 54 percent of the males and 77 percent of the females indicated they would be interested in training and most of the young group were willing to move for post-training employment, (11) Less than half knew about any of the 12 training programs in operation. This D.Ed. dissertation was submitted to The University of Missouri. (JK)

VT 009 519 ED 034 026
Working Children. A Report on Child Labor; 1967 and 1968.

Department of Labor, Washington, D.C. Wage and Hour and Public Contracts Div.
EDRS PRICE MF-$0.25 HC-$1.20
Pub Date - 69 22p.

*CHILD LABOR; LABOR LEGISLATION; OCCUPATIONS; AGRICULTURAL OCCUPATIONS; *TABLES (DATA); AGE; INDUSTRY; ELEMENTARY GRADES; SECONDARY GRADES; *WORKING HOURS; *CHILD LABOR LAWS
*FAIR LABOR STANDARDS ACT

Investigations to determine compliance with the child labor provisions of the Fair Labor Standards Act identified violations in three major categories: (1) minors under 16 years old working in occupations for which a 16- or 18-year minimum age has been established, working in excess of the hours permitted children of that age, or working at times not permitted, (2) minors 16 and 17 years old working in non-agricultural occupations declared hazardous by the Secretary of Labor, for which an 18-year minimum age is established, and (3) minors under 16 working in agricultural occupations during hours schools are in session in the district where they live while employed, and working in agricultural occupations declared hazardous by the Secretary of Labor, for which a 16-year minimum age applies at any time. Data are presented in tabular form for fiscal years 1967 and 1968. (AUTHOR/CH)

VT 009 530
Hoffman, Paul R.
Work Evaluation.

Stout State Univ., Menomonie, Wis. Inst. for Vocational Rehabilitation
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 27Feb69 31p.; Speech Presented at Rehabilitation Conference (Houston, Texas, Feb. 27, 1969).

*VOCATIONAL REHABILITATION; *VOCATIONAL EVALUATION; VOCATIONAL ADJUSTMENT; SHELTERED WORKSHOPS; HANDICAPPED; JOB ANALYSIS; PSYCHOLOGICAL TESTING; WORK ENVIRONMENT; MODELS; BEHAVIOR THEORIES; REHABILITATION COUNSELING; *EVALUATION METHODS

Work evaluation may be defined as a specialized technology utilizing aspects of work to evaluate the vocational strength and weakness of persons, and it is this characteristics which separates it from other evaluation techniques. Various theories underlie work evaluation but performance may be reduced to a mathematical formula, such as "Behavior is a function of the person plus his environment." The methodologies of work evaluation include: (1) job analysis, (2) psychometric testing, (3) work samples, (4) the situational approach,

(5) work stations, and (6) job tryout. A model for evaluation might include psychometric testing, work samples, sheltered work, job tryout, and (if available in the facility) work stations. A model concept of work evaluation should encompass work tasks, work situations, and work environments. (JK)

VT 009 534
Work Evaluation and Work Adjustment.

Stout State Univ., Menomonie, Wis. Inst. for Vocational Rehabilitation
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 24Apr69 20p.; Speech presented at the Short Term Training Institute Region I of the Mass. and Conn. Chapter of the National Assn. of Sheltered Workshop and Home Bound Program (April 14, 1969, Hyannis, Mass.).

*VOCATIONAL REHABILITATION; *VOCATIONAL EVALUATION; *VOCATIONAL ADJUSTMENT; SHELTERED WORKSHOPS; BEHAVIOR CHANGE; PERSONNEL SELECTION; JOB ANALYSIS; PSYCHOLOGICAL TESTING; WORK ENVIRONMENT; MODELS; HANDICAPPED

The process of work evaluation is a part of the total vocational evaluation process, and the two processes are differentiated by their respective objectives and techniques. Work evaluation is an assessment technique and work adjustment is a treatment technique. Work evaluation involves work samples, situational work setting, job analysis, and psychometric testing. Work adjustment involves the work setting, instructional classes, group therapeutic sessions, and formulized behavior modification. Giving time and consideration to each of these factors, as well as to work environment, can help a program focus on the total individual. Staffing for evaluation and adjustment requires specific knowledges and there is potential for individuals with backgrounds in industrial arts education, psychology and counseling, occupational therapy, and industry. Finally, to be truly effective, evaluation and adjustment services must be related to other services and communicate freely with them. (JK)

VT 009 542 ED 034 029
Manpower for Correctional Rehabilitation in the South.

Southern Regional Education Board, Atlanta, Ga.
Joint Commission on Correctional Manpower and Training, Washington, D.C.
Rehabilitation Services Administration (DHEW), Washington, D.C.
Department of Justice, Washington, D.C. Office of Law Enforcement Assistance
EDRS PRICE MF-$0.25 HC-$2.50
Southern Regional Education Board, 130 Sixth Street, N.W., Atlanta, Georgia 30313 ($1.50).
Pub Date - 66 48p.; Report of an Institute on "Meeting Manpower Needs for Correctional Rehabilitation in the South," Atlanta, Georgia, November 14-16, 1966

*MANPOWER NEEDS; *VOCATIONAL REHABILITATION; *CORRECTIVE INSTITUTIONS; *CONFERENCE REPORTS; MODELS; RESOURCES *MEETING MANPOWER NEEDS FOR CORRECTIONAL REHABILITATION IN THE SOUTH, ATLANTA, GEORGIA, NOVEMBER 14-16, 1966

Approximately 125 persons from 15 states of the Southern region attended the Institute, which sought to examine the need for correctional manpower in the region, to assess the present resources for training personnel to meet these needs, and to explore ways in which these needs might be met more effectively. The institute considered the background of the manpower problem, trends in correctional rehabilitation, needs for manpower, universities, resources and administrative models, and university-agency models. Recommendations included: (1) Contiguous states can do more to share their resources, particularly training resources, (2) A regional training program in corrections and counseling, as it deals with corrections, could be developed with the assistance of the Southern Regional Education Board, and (3) The organization of a pilot training center for correctional rehabilitation staffs should be considered. (AUTHOR/CH)

VT 009 627 ED 034 041
Nichols, Jack D.
A Selected Bibliography on Training in Correctional Institutions with Annotations Developed for a Partial List of this Bibliography.

Arkansas Vocational Education Research Coordinating Unit, Fayetteville
Arkansas State Dept. of Education, Little Rock. Div. of Vocational Education
EDRS PRICE MF-$0.25 HC-$1.80
Pub Date - Jul69 34p.

*ANNOTATED BIBLIOGRAPHIES; *TRAINING; *VOCATIONAL EDUCATION; *SKILL DEVELOPMENT; *CORRECTIVE INSTITUTIONS

This bibliography is composed of 78 selected citations and 31 annotations ranging in date from 1958 to 1968, but emphasizing the 1963 to 1966 period. Listings are arranged alphabetically according to author. Entries include books, journal articles, and monographs which depict a variety of practices within corrective institutions. A subject matter index to annotations is included, and a list of 44 publications by the Rehabilitation Research Foundation is appended. (CH)

VT 009 641 ED 034 042
Guided Occupational Training. A Vocational Work Experience Program for Intellectually Limited and Educationally Handicapped Students. Final Report.

New York State Education Dept., Albany. Bureau of Occupational Education Research
EDRS PRICE MF-$0.50 HC-$3.30
Pub Date - Jan69 64p.

*WORK EXPERIENCE PROGRAMS; SLOW LEARNERS; *EDUCATIONALLY DISADVANTAGED; *MENTALLY HANDICAPPED; HIGH SCHOOLS; QUESTIONNAIRES; CURRICULUM; INDIVIDUAL CHARACTERISTICS; PROGRAM EVALUATION; VOCATIONAL EDUCATION; GENERAL EDUCATION; PSYCHOLOGICAL TESTS; COUNSELING; *RESEARCH PROJECTS

Twenty-four intellectually limited and educationally handicapped 10th grade students participated in the first year of the Guided Occupational Training program of the Oceanside Senior High School. An academic core of English, citizenship, and mathematics was blended with classes in one of the following areas: (1) business education and office skills, (2) home economics and food trades, (3) prevocational-industrial education, and (4) distributive education. Depending on their age, interests, and aptitudes, students also worked in private employment or some unit of the school system related to the occupational courses they were studying. In addition, each student attended weekly group counseling sessions and individual sessions as needed. There were no dropouts from the experimental group, compared to a 25 percent rate in the control group. While academic growth was limited, there was significant growth of employer satisfaction with gains in the areas of motivation and attitudes toward self, peers, and society. School attendance and in-school behavior improved. Implications for educating other youths with special needs are suggested. (JK)

VT 009 649 ED 034 044
Report of the Governor's Committee on Employment of Minority Groups in the News Media.

Governor's Committee on Employment of Minority Groups in the News Media, Albany, N.Y.
EDRS PRICE MF-$0.25 HC-$2.05
Pub Date - Apr69 39p.

*NEWS MEDIA; *MINORITY GROUPS; *EMPLOYMENT; NEGRO EMPLOYMENT; ADVISORY COMMITTEES; VOCATIONAL EDUCATION; PROFESSIONAL ASSOCIATIONS; RECRUITMENT; BUSINESS RESPONSIBILITY; JOURNALISM
*NEW YORK; GOVERNOR'S COMMITTEE ON EMPLOYMENTOF MINORITY GROUPS IN THE NEWS MEDIA

Of 12,429 persons employed by New York City dailies, only 3.7 percent are Negroes and only 2.5 percent are of Puerto Rican or other Latin American background. In magazine and broadcasting firms in New York State employing 50 or more persons, only 5 percent are Negroes and six firms employ no Negroes, while no Spanish-Americans, Asians or American Indians are employed by any upstate company. Committee recommendations are made in the areas of recruitment and placement, education and training, management employment commitment, and media association effort. These recommendations included the establishment of a high school of communication arts, utilization of facilities of broadcast enterprises in education and training endeavors, enlistment of professionals in the field of journalism for assistance in neighborhood workshops and other training efforts, and adaptation of traditional employment criteria to allow hiring of promising non-white candidates who may not immediately meet "normal qualifications." (JK)

VT 009 759 ED 035 717
Employment Programs for the Poor. A Community Action Agency Manpower Guidebook.

Office of Economic Opportunity, Washington, D.C.
EDRS PRICE MF-$0.50 HC-$4.90
Pub Date - May69 96p.

*GUIDES; *MANPOWER PROGRAMS; *FEDERAL PROGRAMS; *EMPLOYMENT; *ECONOMICALLY DISADVANTAGED; ABBREVIATIONS; RECORDS (FORMS); CHECK LISTS; JOB DEVELOPMENT; VOCATIONAL EDUCATION; PREVOCATIONAL EDUCATION
*COMMUNITY ACTION AGENCY; CAA

This pamphlet provides information to help communities in analyzing their needs, assessing available resources, and developing an effective manpower program to combat poverty problems which include high unemployment, inadequate education, poor health, and dilapidated housing. The report describes the necessary steps to be made for comprehensive planning by the Community Action Agency (CAA) which is a local organization designated by the Office of Economic Opportunity to organize anti-poverty programs. A comprehensive manpower program involves outreach and recruitment, intake and assessment, prevocational training, supportive services, skill training, job development and placement, followup, business support, and feedback. The report provides suggestions for coordinating manpower services and a checklist. In addition, there is a description of the major federally sponsored manpower programs and a list of acronyms. (BC)

VT 009 816 ED 034 857
Wentz, Charles Hunter
A Study of Industrial Arts Activities for Educable Mentally Retarded Junior High School Youth With Implications for Guidelines in Special Industrial Arts Activities.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - Aug69 213p.

BIBLIOGRAPHIES; DOCTORAL THESES; *INDUSTRIAL ARTS TEACHERS; *EDUCABLE MENTALLY HANDICAPPED; *SPECIAL EDUCATION TEACHERS; *COMPARATIVE ANALYSIS; CURRICULUM GUIDES; STATE SURVEYS; QUESTIONNAIRES; INDUSTRIAL ARTS; JUNIOR HIGH SCHOOL STUDENTS
EDUCABLE MENTALLY RETARDED; EMR; TEXAS

This study compares present practices of industrial arts teachers programs for educable mentally retarded (EMR) youth with those of special education teachers who teach some phase of industrial arts. Other purposes were to (1) compare the experiences and training backgrounds of the teachers, (2) determine tools and equipment currently being used in these programs, and (3) develop a guide in industrial arts activities for teachers in these programs. Data were collected through a questionnaire submitted to 146 selected industrial arts and special education teachers from 145 school districts throughout Texas. From the data collected a guide was developed. The conclusions are: (1) The null hypothesis of no significant difference between the two types of teachers was not rejected, (2) Itemized activities should be included in programs for EMR youth, (3) Teachers did not differ according to degrees earned or the number of years teaching experience, (5) Fewer industrial arts teachers had training related to the teaching of EMR youth than did special education teachers, and (6) The guide should be made available to other teachers and administrators of EMR junior high school youth. Recommendations are also included. This D.Ed. dissertation was submitted to Texas A and M University. (GR)

VT 009 820 ED 034 858
Olson, David Olin
An Experimental Study to Determine Success of Performance with Selected Woodworking Hand Tools by Children with Specific Learning Handicaps.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - May69 143p.

BIBLIOGRAPHIES; DOCTORAL THESES; *INDUSTRIAL ARTS; *EXCEPTIONAL CHILD RESEARCH; *EDUCABLE MENTALLY HANDICAPPED; *CHILDREN; WOODWORKING; *HAND TOOLS; SKILLS; PRETESTING; POST TESTING

The purpose of this study was to determine whether educable mentally retarded pupils could perform certain woodworking skills with a measurable degree of proficiency following instruction and training in the use of eight selected hand tools. Pupils were aged 11 to 15 years with I.Q.'s ranging from 47 to 83. Two groups were formed according to low and high I.Q., and manipulative pretests, 8 weeks of instruction, and post tests were given to each pupil participating in the study. The t-test was applied to the data to determine the significance at the 5 percent level. Both groups showed gains from pretest to post test, but only the Lammer test proved significant when the t-test was applied. Recommendations were: (1) Industrial arts should be included as a regular subject, (2) Adequate facilities should be provided, (3) Demonstrations and lectures should be limited to 5 to 7 minutes, (4) Tools should be carefully selected, and (5) Related information in other subject areas should be introduced to stimulate and reinforce learning. This D.Ed. thesis was submitted to Texas A and M University. (GR)

VT 009 932 ED 032 695
Young, Earl B., Ed.
Vocational Education for Handicapped Persons; Handbook for Program Implementation.

Office of Education (DHEW), Washington, D.C. Div. of Vocational and Technical Education
EDRS PRICE MF-$0.75 HC-$6.65
Pub Date - Aug69 131p.

*VOCATIONAL EDUCATION; VOCATIONAL REHABILITATION; *HANDICAPPED; *PROGRAM DEVELOPMENT; *GUIDES; INTERAGENCY COOPERATION; RURAL EDUCATION; COMMUNITY INVOLVEMENT; INSTRUCTIONAL MATERIALS; VOLUNTARY AGENCIES; PROFESSIONAL PERSONNEL
VOCATIONAL EDUCATION AMENDMENTS OF 1968

The purpose of this handbook is to provide reliable information about the handicapped and realistic suggestions about programs and services to vocational educators responding to the mandates of the 1968 Amendments of the Vocational Education Act of 1963. The basic ideas grew out of the National Conference on Vocational Education of Handicapped Persons held in Pittsburgh in February 1969 which involved 260 persons knowledgeable in the fields of vocational education, special education, and vocational rehabilitation. Sections cover: (1) Who are the Handicapped? (2) Organizing for Cooperation--Interagency Involvement, (3) Services Available from Vocational Rehabilitation, (4) A Model for a State-Wide Cooperative Agreement, (5) Programs and Services, (6) Providing Services in Rural Areas, (7) Community Involvement in Vocational Education Services for the Handicapped, (8) Considerations in Planning Vocational Education for Hearing Impaired, Visually Impaired, and Physically Handicapped, (9) Personnel, (10) Some Suggested Sources of Teaching Materials, (11) Some Suggested Sources of Assistance, and (12) Vocational Education Amendments of 1968--Rules and Regulations--Selected Sections Related to Vocational Education for the Handicapped. (JK)

VT 009 936 ED 035 732
Rubin, Leonard, Ed.
An Annotated Bibliography on the Employment of Disadvantaged Youth, 1960-196[illegible]

Bureau of Social Science Research, Inc., Washington, D.C.
EDRS PRICE MF-$0.50 HC-$3.90
Bureau of Social Science Research, Inc., 1200 17th Street, N.W., Washington, D.C. 20036 ($2.00).
Pub Date - May69 76p.

*EMPLOYMENT PROBLEMS; *REHABILITATION; *YOUTH PROBLEMS; EDUCATIONAL PROBLEMS; TRAINING; VOCATIONAL REHABILITATION; *ANNOTATED BIBLIOGRAPHIES; *DISADVANTAGED YOUTH

The bibliography is divided into four parts. Section I provides an overview of the subject of employment and employability. A second section deals with the social, psychological, and educational aspects of employment. Section III surveys social, psychological, and educational rehabilitation and vocational training programs. The last section provides critical observations on policies and programs. A total of 1,500 articles were examined for the bibliography but only 150 were selected. Government documents and books were excluded because of the time and staff restrictions and wide availability. The racial aspects of the problem were not included because of the obvious correlation between race and employment problems. Most of the annotations cover the scope of the article but in some cases where the article is very long the annotation is selective. (BC)

VT 010 119 ED 035 743
A Guide to the Development of Vocational Education Programs and Services for the Disadvantaged.

National Committee on Employment of Youth, New York, N.Y.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.75
Pub Date - Oct69 33p.

*VOCATIONAL EDUCATION; *PROGRAM IMPROVEMENT; *DISADVANTAGED YOUTH; *FEDERAL LEGISLATION; CURRICULUM DEVELOPMENT; COUNSELING SERVICES; COMMUNITY INVOLVEMENT; EMPLOYERS; LABOR UNIONS; INSTRUCTIONAL PROGRAMS; SYSTEMS APPROACH; BIBLIOGRAPHIES
*VOCATIONAL EDUCATION AMENDMENTS OF 1968

The Vocational Education Amendments of 1968 call for important changes of emphasis in American education. Specifically, the law requires that at least 15 percent of the basic Federal allotment to vocational education be used only for disadvantaged persons. In this context, a national workshop on vocational education for the disadvantaged was convened and resulted in this guide, which is intended to aid vocational educators in developing and conducting successful vocational education programs and services for the disadvantaged. The content of the guide is a refinement of papers presented at the national workshop and includes the following topics: Curriculum Development, Teaching the Disadvantaged, New Counseling Functions and Supportive Services, Working With Employers and Unions, Involving the Community, Towards An Instructional System, and Vocational Education--A Developmental Perspective. Selective vocational programs for disadvantaged students, excerpts from the legislation and a bibliography are appended. (CH)

VT 010 237 ED 035 763
Somers, Gerald G., And Others
The Training and Placement of Older Workers: An Evaluation of Four Community Projects.

Wisconsin Univ., Madison. Center for Studies in Vocational and Technical Education
National Council on the Aging, Inc., New York, N.Y.
Office of Manpower Policy, Evaluation, and Research (DOL), Washington, D.C.
EDRS PRICE MF-$1.00 HC-$10.80
Pub Date - Sep67 214p.

*EVALUATION; *DEMONSTRATION PROJECTS; *UNEMPLOYED; *OLDER ADULTS; *VOCATIONAL REHABILITATION; JOB PLACEMENT; ON THE JOB TRAINING; COUNSELING TABLES (DATA)
BOSTON; MILWAUKEE; BALTIMORE; BUNCOMBE COUNTY; NORTH CAROLINA

The major objective of this study was to examine the experience of four projects in Baltimore, Boston, Milwaukee, and Buncombe County, North Carolina in counseling and placing in jobs older hard-core unemployed workers. Originally the programs were designed to train the hard-core unemployed over 50 years of age. Generally the emphasis was changed from on-the-job training to counseling, job development and placement, and from selecting the most disadvantaged to selecting the least disadvantaged in the over-50 age group. There was little evidence that the program provided significant economic gains in employment or income, even though the participants expressed the opinion that they were pleased with the various programs. (BC)

PHILOSOPHY AND OBJECTIVES SECTION

VT 005 214
Perspectives for Nursing; Report.

National League for Nursing, New York, N.Y. Committee on Perspectives
MF AVAILABLE IN VT-ERIC SET.
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($1.00).
Pub Date - 65 32p.

PROBLEMS; EDUCATIONAL PLANNING; *NURSING; *HEALTH OCCUPATIONS EDUCATION; *HEALTH SERVICES; *PROFESSIONAL EDUCATION; SOCIOECONOMIC INFLUENCES; POLITICAL INFLUENCES; EDUCATION TRENDS
NATIONAL LEAGUE FOR NURSING; NLN; THE NLN COMMITTEE ON PERSPECTIVES

The rapidity with which social, economic, cultural, political, and educational changes were affecting health care led the National League for Nursing (NLN) Board of Directors to appoint a Committee on Perspectives to study the nursing profession in order to pinpoint important issues to be considered in planning for the future. The Committee's report includes sections on changes in the patient, in the professional and service staff, in medical care, and in education. Among recommendations for NLN activity are: (1) initiating and participating in multi-professional/lay study and action programs for patient care; (2) stimulating progressive staffing patterns in the light of the changing patient role, societal expectations for health care, and anticipated manpower; (3) supporting improved salaries and working conditions for persons involved in health care; (4) joining with the American Association of Medical Colleges in exploring medical and nursing education; (5) becoming active in community planning and policy formulation in health, education, and welfare; (6) developing criteria for evaluating and improving nursing services; (7) convening NLN representatives in preparation for League participation in a proposed comprehensive study of nursing education; and (8) supporting rapid expansion of associate degree, baccalaureate, and graduate programs in nursing and more moderate expansion of diploma and practical nursing programs. (JK)

VT 007 247
Gillie, Angelo C.
The Role of the University in Community College Technical Education.

Rutgers, The State Univ., New Brunswick, N.J. Dept. of Vocational-Technical Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 20p.; Paper presented at annual meeting of American Society for Engineering Education (Univ. of California, June 17-20, 1968).

*UNIVERSITIES; *COMMUNITY COLLEGES; *TECHNICAL EDUCATION; *SCHOOL ROLE; *INTERINSTITUTIONAL COOPERATION; TEACHER EDUCATION; RESEARCH; EVALUATION; CURRICULUM DEVELOPMENT; PROGRAM DEVELOPMENT
*AMERICAN SOCIETY FOR ENGINEERING EDUCATION, UNIVERSITY OF CALIFORNIA, LOS ANGELES, JUNE 17-20, 1968

Certain technical education leaders have sought the involvement of universities to attack the problems peculiar to the training of technicians in technical institutes and community colleges. Some areas in which universities can promote, improve, and expand community college technicial education are: (1) teacher education, (2) research, (3) evaluation, (4) design and development of new curriculums, (5) updating existing curriculums, and (6) assistance in the establishment of technical education programs for ghetto youth. (DM)

VT 007 980
Albracht, James
Vocational Agriculture Course Objectives and Occupational Work Experience.

Kansas State Univ., Manhatten. Coll. of Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jun68 6p.

*GUIDELINES; *VOCATIONAL AGRICULTURE; *COOPERATIVE EDUCATION; *AGRICULTURAL OCCUPATIONS; *EDUCATIONAL OBJECTIVES
KANSAS; KANSAS STATE UNIVERSITY

Vocational agriculture course objectives and guidelines for occupational work experience are specified for use by local schools in planning programs. The content includes: (1) vocational agriculture course objectives, (2) occupational experience agreement, (3) supervised work experience evaluation, (4) guidelines for cooperative education programs in vocational education, and (5) ideas for related instruction for occupations. (DM)

VT 008 013
Statements Regarding Practical Nursing and Practical Nursing Education.

National League for Nursing, New York, N.Y. Dept. of Practical Nursing Programs
MF AVAILABLE IN VT-ERIC SET.
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($1.00).
Pub Date - 68 18p.

*HEALTH OCCUPATIONS EDUCATION; *PRACTICAL NURSING; *TEACHER QUALIFICATIONS; PROFESSIONAL ASSOCIATIONS; INSERVICE COURSES; *STANDARDS
*NATIONAL LEAGUE FOR NURSING

The first of four sections in the document explains the National League for Nursing philosophy regarding practical nursing, including the belief that practical nursing, to develop properly, must be viewed as an integral part of nursing; as well as the belief that prospective students should be informed of all opportunities in nursing education so that they will choose programs appropriate to their abilities, interests, and goals. The second section presents characteristics of education for practical nursing including: (1) usual length of one year, (2) operation under diverse administrative controls, and (3) wide age range of students. The third section discusses the abilities needed by instructors of practical nursing concluding that these are similar to the abilities needed by teachers of professional nursing. Some of these are the ability to: (1) organize a curriculum with core content extracted from the broad general content in nursing, (2) make decisions about relevancy to the practical nurse role of facts and principles drawn from the social, biological, and physical sciences, and (3) teach a heterogeneous group. The final section encourages programs of inservice, refresher, and extension education that will not augment nursing services, but will be pertinent to patient needs and relevant to the practical nurse role, correlating theory with practice. (JK)

VT 008 739
Moullette, John B.
Determining Group Perceptions of Vocational School Characteristics that Contribute to Peaceful Conditions.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 31p.

*EDUCATIONAL PROBLEMS; *VOCATIONAL EDUCATION; *STUDENT ATTITUDES; *TEACHER ATTITUDES; *ADMINISTRATOR ATTITUDES; DEMOGRAPHY; URBAN AREAS; QUESTIONNAIRES; EDUCATIONAL PRACTICE; EDUCATION PRINCIPLES
NEW JERSEY

Characteristics or attitudes of vocational education contributing to peaceful conditions in public secondary vocational educational schools are studied. Data consisted of (1) demographic profiles of students, teachers and principals, and (2) responses from students, teachers and principals to questions concerning characteristics of vocational education and whether these characteristics contributed to peaceful conditions in schools. Conclusions were that principle practices of vocational education discussed in this study are valid and do contribute to peaceful conditions. (CH)

VT 008 873
The Challenge of Change; The Role of Occupational Education in Oregon.

Oregon State Advisory Council for Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Division of Community Colleges and Vocational Education, State Department of Education, 305 Public Service Building, Salem, Oregon 97310.
Pub Date - May68 18p.

EDUCATIONAL CHANGE; *VOCATIONAL EDUCATION; SOCIAL FACTORS; TECHNOLOGICAL ADVANCEMENT; ECONOMIC FACTORS; *EDUCATIONAL OBJECTIVES; *STATE PROGRAMS; PROGRAM PLANNING; PROGRAM DEVELOPMENT; *EDUCATIONAL PHILOSOPHY; SCHOOL ROLE
*OREGON STATE ADVISORY COUNCIL FOR VOCATIONAL EDUCATION

A series of leadership seminars involving representatives of local school districts, community colleges, the System of Higher Education, the Department of Education, labor, and industry provided much of the content of this position paper. The enduring mission of occupational education is to educate youth and adults to achieve a productive and purposeful relationship to the world of work that is personally satisfying and in keeping with democratic values. Goals which the document defines in detail encompass: (1) education that is socially and economically relevant to the needs of individuals and manpower requirements, (2) occupational education for youth entering the labor force and adults seeking to improve their competencies or learn new skills, (3) a broad scope of occupational education for all students in all grades and in a variety of educational settings, (4) quality instructional programs suited to the occupational goals of people and to occupational requirements, (5) comprehensive curriculums relating both general and occupational education to the occupational objectives of students, (6) maximum utilization of all personnel--administrative, supervisory, teacher education, research, and guidance--in the achievement of occupational education objectives, (7) systematic evaluation of occupational education to assure its relevance to a dynamic world of work, and (8) continuous guidance of students to assure proper placement. A detailed discussion of changing social and economic patterns precedes the statement of mission and goals. (JK)

VT 009 189 ED 034 022
Spencer, Albert Glenn
Contribution of Industrial Arts to the Understanding of Industry Possessed by Secondary School Students.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - 69 174p.

DOCTORAL THESES; BIBLIOGRAPHIES; *INDUSTRIAL ARTS; GRADE 11; *EDUCATIONAL OBJECTIVES; *INDUSTRIAL ARTS TEACHERS; MALES; SECONDARY SCHOOLS; *CURRICULUM EVALUATION

Ascertaining the extent to which the objective, "understanding of industry," was being achieved in public secondary schools was the purpose of this study. Nine schools which offered industrial arts were randomly selected and nine schools which did not offer industrial arts were selected to form a comparison group. The Industrial Understanding Test, constructed by the researcher, was administered to a group of 430 Grade 11 boys in non-industrial arts schools and 357 Grade 11 boys in schools which offered industrial arts. The groups were compared by means of t-tests for significance of difference between means. The conclusions were: (1) Students who had studied industrial arts scored significantly higher on the Industrial Understanding Test than students who had not, (2) Students who had five or more semesters of industrial arts had a greater degree of understanding than the students with less experience in industrial arts, and (3) Students whose industrial arts teachers ranked the "understanding of industry" objective higher in a list of eight objectives scored significantly higher on the test than students whose teachers ranked the objective lower. This Ed.D. dissertation was submitted to The University of Missouri. (GR)

VT 009 544 ED 036 619
Teeple, John; Kenadjian, Berdj
The Implications of Job Opportunities in Transportation for Priorities in Vocational-Technical Education. Working Paper.

National Planning Association, Washington, D.C. Center for Priority Analysis
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$1.65 OEG-0-8-080643-4467(085) 08
BR-8-0643
Pub Date - Sep69 31p.

*VOCATIONAL EDUCATION; *EDUCATIONAL PLANNING; *EMPLOYMENT OPPORTUNITIES; *TRANSPORTATION; EDUCATIONAL OBJECTIVES; AUTO MECHANICS (OCCUPATION); AVIATION MECHANICS; DISADVANTAGED GROUPS; SKILLED WORKERS; SEMISKILLED WORKERS; *VOCATIONAL COUNSELING
*WORKING PAPER

Creating and operating an efficient transportation system in the 1970's will generate employment for 14 million persons in all occupations. As transportation methods become more sophisticated, so will the skills required of those who work in that field, and vocational technical education must plan for present needs and future developments. Secondary schools need to educate, train and guide more disadvantaged young persons to enter the skilled and semi-skilled blue collar occupations of the transportation work force. To meet this challenge, vocational education needs cooperative work-study programs, strong vocational counseling and placement programs, and expansion of junior and community college programs and general vocational-technical education programs. (CD)

VT 009 654 ED 034 045
Vocational Education and Manpower Training. Report of a National Legislative Seminar, September 7-9, 1969.

American Vocational Association, Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.95
Pub Date - Sep69 37p.

*VOCATIONAL EDUCATION; *MANPOWER DEVELOPMENT; *FEDERAL LEGISLATION; *AGENCY ROLE; *CONFERENCE REPORTS; ROLE CONFLICT; EDUCATIONAL RESPONSIBILITY; EDUCATIONAL PHILOSOPHY
*VOCATIONAL EDUCATION AND MANPOWER TRAINING, WASHINGTON, D.C., SEPTEMBER 7-9, 1969

The basic question of where the responsibility lies for providing education and training for the Nation's labor force has never been satisfactorily answered. Is it with education, labor, industry, or a combination? Three bills introduced in Congress in 1969 prompted an invitational conference by the American Vocational Association (AVA), which was designed to study the background, the issues, the present legislative situation, and possible solutions to this question. A total of 300 delegates from 46 states and the District of Columbia attended. Highlights of presentations by representatives of Congress, the Department of Labor and the Department of Health, Education and Welfare are presented in this report, as well as summaries of the reactions of discussion groups and their suggestions for Federal, State, local and AVA action. (CD)

VT 009 664 ED 034 046
Vocational Education--General Education Situation Study.

Oregon State System of Higher Education, Monmouth. Teaching Research Div.
DOCUMENT NOT AVAILABLE FROM EDRS.
Oregon State System of Higher Education, Teaching Research Division, P.O. Box 5175, Eugene, Oregon 97403.
Pub Date - 13Feb68 227p.

*VOCATIONAL EDUCATION; *GENERAL EDUCATION; EVALUATION; *NATIONAL SURVEYS; *TABLES (DATA); STUDENT ENROLLMENT; *ENROLLMENT PROJECTIONS; STATE FEDERAL SUPPORT; EDUCATIONAL TRENDS; EDUCATIONAL PHILOSOPHY

The study proposed to prepare a statement of the qualitative (assessment) and quantitative (data) nature of vocational education as it is currently practiced in the United States and to prepare descriptions of vocational education from 1955-1975. These descriptions were later to be analyzed in the light of other data to be gathered. Primary concern was for education in grades 9 through 14 and for those eight out of every 10 students who did not or will not receive a 4-year college degree. Information was obtained from two sources: (1) existing data files in the U.S. Office of Education and a few state divisions of vocational education, and (2) a nationwide study of vocational education conducted in 1966-1967. The majority of the document consists of tables presenting various aspects of enrollment and expenditure data. (CH)

VT 009 696 ED 034 059
Community Mental Health and the Psychiatric Foundation.

National Association of Psychiatric Technology, Sacramento, Calif.
California Society of Psychiatric Technicians, Sacramento
EDRS PRICE MF-$0.75 HC-$7.10
National Association of Psychiatric Technology, 11th and L Building, Main Floor, Sacramento, California 95814 ($1.75).
Pub Date - Apr69 140p.; Presentation made at the Joint NAPT-CSPT Convention Institute (Annual, San Francisco, Calif., Oct. 11-13, 1968).

*MENTAL HEALTH; PSYCHIATRIC AIDES; *HEALTH SERVICES; COMMUNITY HEALTH SERVICES; *HEALTH OCCUPATIONS EDUCATION; STATE LEGISLATION; JUNIOR COLLEGES; *HEALTH PERSONNEL; PSYCHIATRIC HOSPITALS; MENTAL HEALTH PROGRAMS; PSYCHIATRIC SERVICE
NEW CAREERS; NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY; CALIFORNIA SOCIETY OF PSYCHIATRIC TECHNICIANS; COMMUNITY MENTAL HEALTH AND THE PSYCHIATRIC TECHNICIAN, SAN FRANCISCO, OCTOBER 11-13, 1968

The National Association of Psychiatric Technology (NAPT), a non-profit organization, is the outgrowth of local and state organizations of psychiatric attendants, aides, and technicians who had banded together to improve their knowledge and skills and to demonstrate their competence to assume greater responsibilities in the care and treatment of the patients in the state hospitals for the mentally ill. NAPT's objective is to foster the advancement of the middle-level professional in mental health through the development of open-ended career ladders and educational programs. Convention-institute presentations include: "The Effect of Cutbacks on Mental Health Programs" by Alan Short, "The Job Role of the Mental Health Technician" by Harold L. McPheeters, "The New Era in Medicine" by Earle M. Marsh, "Mental Health Training in Junior Colleges" by Walter R. Kersey, "The Purdue Program for Mental Health Workers" by John E. True, "Psychiatric Technology and Mental Health Manpower Problems" by Willis H. Bower, "The Mental Health Technician: Maryland's Design for a New Health Career" by Robert M. Vidaver, "The New Careers Program" by Jacob R. Fishman, and "Community Mental Health Manpower Needs" by Sylvia Marshall. (JK)

VT 009 792 ED 034 852
Maley, Donald
The Maryland Plan for Industrial Arts in the Junior High School and the Behavioral Task Analysis Approach.

EDRS PRICE MF-$0.25 HC-$2.10
Pub Date - Apr69 40p.; Presentation at the National Convention of the Industrial Arts Association (Las Vegas, Nev., April 1969).

*CURRICULUM DEVELOPMENT; JUNIOR HIGH SCHOOLS; *INDUSTRIAL ARTS; *EDUCATIONAL INNOVATION; SPEECHES; GOAL ORIENTATION; BEHAVIORAL OBJECTIVES; *EVALUATION TECHNIQUES; TASK ANALYSIS
*MARYLAND PLAN (THE)

A four-phase process was used to develop the Maryland Plan: (1) goal-identification, (2) analysis of goal-related behavior and experiences, (3) integration of these experiences into a living-learning involvement with the industrial art curriculum content, and (4) evaluation. The plan made use of the behavioral analysis process as a technique to provide precision and consistency to the goals and projected outcomes, and for evaluation. The plan is dedicated to three basic ideas in program planning: (1) Optimum learning depends on student involvement and interaction with the study area, (2) The industrial arts laboratory needs life and reality, and (3) First-hand knowledge is essential. Under the plan the teacher is perceived as a manager of education, who inspires, encourages, and evaluates. Specific examples and charts illustrate the development and usefulness of the plan. (CD)

RESEARCH DESIGN, DEVELOPMENT AND UTILIZATION SECTION

VT 006 601
Anderson, David Allen
The Adaptation of PERT for Coordinating Interdisciplinary Manpower Research in a University Setting--A Descriptive Study.

Oklahoma State Univ., Stillwater
DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - May68 80p.

*EDUCATIONAL RESEARCH; *INTERDISCIPLINARY APPROACH; *RESEARCH TOOLS; *MANPOWER DEVELOPMENT; *MANAGEMENT; INTERAGENCY COORDINATION; UNIVERSITIES; PROGRAM EFFECTIVENESS
PERT; *PROGRAM EVALUATION AND REVIEW TECHNIQUE; OKLAHOMA STATE UNIVERSITY

To describe the use of program evaluation and review technique (PERT) in managing interdisciplinary manpower research, an investigation was conducted to determine: (1) the effect of PERT scheduling on researchers, (2) the familiarity of researchers with PERT and the extensiveness of its use, and (3) researcher's attitude toward interdisciplinary research. The descriptive research method was used to summarize data obtained from 21 of the 29 people in the sample population. Findings indicated: (1) Reaction to PERT was generally favorable, (2) Approximately one-half of the respondents were familiar with PERT, and (3) Respondents were in favor of interdisciplinary manpower research. Conclusions were that PERT assisted researchers in valuable and realistic planning for their projects and that it encourages interdisciplinary association and cooperation. This research study was completed in partial fulfillment of the requirements for the degree of master of science. (DM)

VT 007 309
Stevens, Glenn Z., Ed.
Abstracts of Research in Agricultural Education 1965-66. Teacher Education Research Series, Vol. 7, No. 3.

Pennsylvania Agricultural Experiment Station, University Park.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 66 18p.

*ABSTRACTS; *EDUCATIONAL RESEARCH; *RESEARCH PROJECTS; *AGRICULTURAL EDUCATION; ANNOTATED BIBLIOGRAPHIES
*PENNSYLVANIA STATE UNIVERSITY

Abstracts of research in agricultural education conducted at the Pennsylvania State University during 1965-66 and active staff research projects as of December, 1966, are reported. Each of the 15 studies completed by graduate students and staff contain the purpose of the study, method of analysis, and major findings. (DM)

VT 007 478
Randleman, Robert R.; Wheeler, David N.
Report of an Evaluation of a Summer Institute for Training Researchers in Occupational Education.

Minnesota Research Coordinating Unit in Occupational Education, Minneapolis
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Sep68 17p.

*RESEARCHERS; *VOCATIONAL EDUCATION; *INSTITUTES (TRAINING PROGRAMS); RESEARCH PROJECTS; RESEARCH DESIGN; RESEARCH SKILLS

Thirty trainees from a three-state area participated in a 7-week institute designed to train researchers in occupational education. The program consisted of lectures, discussions, small group laboratory sessions, individual consultations and independent study. By the end of the institute, each participant was expected to have written a research proposal and to conduct the proposed research upon returning to their respective schools. Evaluation data collected during the institute indicated improved attitudes toward and understanding of research procedures and tools. The follow-up study showed that 9 months after the institute, one project had been completed, and 10 projects were reported as being under way. Fourteen trainees reported they had revised studies in mind, 14 reported plans for additional course work, 5 reported completion of courses, 1 reported a change to full-time research work, and 5 planned to work in part-time research positions. It was concluded that the major strengths of the institute were: (1) exposure to research methodology and techniques, (2) opportunity for guided review and critiques of completed research, (3) development of a research proposal, and (4) exposure to different points of view gained through discussions with others. The diversity of the participants' background in statistics and inadequate statistical foundation in the institute program were considered as major weaknesses of the program. (FP)

VT 007 586
Reasearch Utilization. Report of a Conference (Apache Junction, Arizona, September 4-6, 1968).

Arizona Occupational Research Coordinating Unit, Phoenix
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 29p.

*RESEARCH COORDINATING UNITS; *CONFERENCE REPORTS; *RESEARCH PROBLEMS; *STATE DEPARTMENTS OF EDUCATION; RESEARCH SKILLS; *RESEARCH UTILIZATION; TEACHER EDUCATION
ARIZONA; CONFERENCE, APACHE JUNCTION, ARIZONA, SEPTEMBER 4, 5, 6, 1968

After being given a pre-conference quiz to determine the participants' knowledge and use of reasearch information sources, the staff of the Arizona State Department of Vocational Education met for three days to explore ideas and learn to utilize research. Four research reviews were presented and data concerning the participants' reactions to the research and the reviews were collected. Participants were placed in four groups and each was given a hypothetical research problem. The solutions involved research design, research information, decision making, and identification of unanswered questions. Other sessions were devoted to state enrollment data and its applications, and to evaluation of teacher education programs. Questionnaires are included. (EM)

VT 007 843
Baker, Richard A., Ed.
Research in Programs in Agricultural Education.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 2p.

*BIBLIOGRAPHIES; *AGRICULTURAL EDUCATION; *EDUCATIONAL RESEARCH; *RESEARCH PROJECTS

Fifteen research studies in progress in agricultural education in the Southern region of the American Vocational Association during the school year 1968-69 are cited in this mimeographed bibliography. Included are masters', doctoral, and staff studies compiled by the chairman of the Southern Regional Research Committee in Agricultural Education. (DM)

VT 007 930
Shontz, David F., Ed.
Research Studies in Programs in Agricultural Education in the North Atlantic Region, 1968-69.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - Nov68 5p.; Prepared for Regional Seminar and Research Conference in Agricultural Education (Maryland, Nov. 6-8, 1968).

*BIBLIOGRAPHIES; *AGRICULTURAL EDUCATION; *EDUCATIONAL RESEARCH; *RESEARCH PROJECTS

The 47 research studies in progress in agricultural education in the North Atlantic Region of the American Vocational Association are cited in this mimeographed publication. Included are master's, doctoral, and staff studies conducted during the school year 1968-69. (DM)

VT 008 595
Research for Career Education: The Arizona Cooperative Program for Vocational-Technical Research.

Arizona Occupational Research Coordinating Unit, Phoenix
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 66 16p.

*EDUCATIONAL RESEARCH; *STATE PROGRAMS; *PROGRAM DESCRIPTIONS; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; RESEARCH COMMITTEES; GUIDELINES; RESEARCH OPPORTUNITIES; RESEARCH COORDINATING UNITS; RESEARCH NEEDS
ARIZONA

The immediate goal of the statewide cooperative program of research for vocational-technical education is to establish an effective research system capable of serving vocational-technical education in Arizona in much the same way that industrial research serves manufacturing, and marketing research serves business. The ultimate goal is to provide Arizona students and employers with a vocational-technical information system capable of meeting the educational demands in the context of continuing scientific and technical progress. The institutional role and programmatic guidelines are discussed relative to the following resources for statewide cooperative research: State Department of Vocational Education, universities, junior colleges, high schools, Arizona State Employment Service, business and industry, the Arizona Vocational Research Council, and Research Coordinating Unit (RCU). Also discussed is the RCU's role in the areas of research design and development, coordination and dissemination, and financing. (CH)

VT 008 659
Support for Research and Development of Innovative Approaches to Vocational Education.

Illinois Research and Development Coordinating Unit, Springfield
Illinois State Board of Vocational Education and Rehabilitation, Springfield. Vocational and Technical Educ.
MF AVAILABLE IN VT-ERIC SET.
Misc. Pub. 402
Research Coordinating Unit, State Board of Vocational Education and Rehabilitation, 405 Centennial Building, Springfield, Illinois 62706.
Pub Date - Oct68 20p.

*RESEARCH COORDINATING UNITS; *ADMINISTRATIVE POLICY; *EDUCATIONAL RESEARCH; VOCATIONAL EDUCATION; *RESEARCH PROPOSALS; *FINANCIAL SUPPORT; INFORMATION DISSEMINATION; EDUCATIONAL PHILOSOPHY
ILLINOIS

This booklet describes the range of activities which receive support administered by the State Board of Vocational Education and Rehabilitation through the Research Coordinating Unit (RCU) and the procedures to be used by those who seek the services and support offered by the Unit. The RCU's general objectives are: (1) to identify vocational education issues and problems, (2) to encourage, stimulate, and assist with research, developmental, demonstration and experimental activities, (3) to coordinate, design, and initiate vocational education research efforts, (4) to survey contemporary data on emerging occupational trends and employment opportunities, (5) to disseminate information, and (6) to aid in the development of resource materials. Topics discussed include preliminary proposal development, application procedures for RCU funding, renewal and/or extension of proposals, and information dissemination services. (CH)

VT 008 758
Densley, Kenneth G.
Priority Research and Development Needs in Vocational Education in California.

California Coordinating Unit for Occupational Research and Development, Sacramento
MF AVAILABLE IN VT-ERIC SET.
California State Department of Education, 721 Capitol Mall, Sacramento, California 95814.
Pub Date - 68 7p.

*VOCATIONAL EDUCATION; *EDUCATIONAL RESEARCH; *OPINIONS; *VOCATIONAL DIRECTORS; *STATE DEPARTMENTS OF EDUCATION; STATE SURVEYS
CALIFORNIA

Problem areas deserving research and development attention are identified by leaders in vocational education in California. Information was obtained through a 37-item questionnaire sent to 89 local directors of vocational education and 89 members of the Vocational Education Section, State Department of Education, from which 133 replies were received. Data are presented in tabular form showing rank order of the items and percentages of those responding to each item. Nearly two-thirds of the respondents identified vocational guidance in grades 9 through 12 as a high priority area and over one-half supported inservice programs for keeping vocational-technical education personnel current in their knowledge of changing technology. These two statements were considered priorities by substantially larger numbers of the respondents than were the other statements. (CH)

VT 008 997
Perryman, Bruce C.
Papers Presented at the Research Workshop for Teachers and Administrators in Vocational Education (Bozeman, Mont., July 22, 1969).

Wyoming Research Coordinating Unit in Vocational-Technical Education, Cheyenne
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jul69 49p.

*SPEECHES; *VOCATIONAL EDUCATION; RESEARCH COORDINATING UNITS; *WORKSHOPS; FEDERAL LAWS; *EDUCATIONAL RESEARCH; RESEARCH PROPOSALS; RESEARCH CRITERIA; *RESEARCH NEEDS; FINANCIAL SUPPORT; FINANCIAL NEEDS; STATE PROGRAMS
*PUBLIC LAW 90-576; RESEARCH WORKSHOP FOR TEACHERS AND ADMINISTRATORS IN VOCATIONAL EDUCATION, BOZEMAN, MONTANA, JULY 22, 1969; VOCATIONAL EDUCATION AMENDMENTS OF 1968

"Priorities for Occupational Education Research--Implementations of the 1968 Amendments--Authorization vs. Appropriation," provides a frame of reference for occupational education research reflecting priorities cutting across local, state and regional boundaries and discusses the implications of the conflict between authorization and potential appropriations. Areas of concern include: (1) The act dichotomizes education, (2) It provides for a generous authorization but not equal appropriation, (3) Funds and programs are supplanted and not supplemented, (4) Categorization of funds may not provide for maximum levels of program maintenance, and (5) Some parts of this type of legislation in the past have never traditionally been appropriated by Congress. A list of vocational education research needs by state and a summarized list of vocational education research activities by state is appended. "An Introduction to Design and Writing of Research and Exemplary Program Proposals" communicates the necessity and importance of following procedure and format when writing and submitting a proposal. (DM)

VT 009 748 ED 034 060
Brandon, George L., Ed.
Research Visibility: Comprehensive Planning.

American Vocational Association, Washington, D.C.
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$0.90
BR-7-0633 OEG-2-7-070633-3021 08
American Vocational Journal; v44 n8 pp69-84 Nov 1969.
Pub Date - Nov69 16p.

*RESEARCH REVIEWS (PUBLICATIONS); *BIBLIOGRAPHIES; *VOCATIONAL EDUCATION; *PROGRAM PLANNING; *EDUCATIONAL RESEARCH; SYSTEMS APPROACH; FEDERAL STATE RELATIONSHIP; STATE PROGRAMS

Twelve research reviews in this issue pertain to comprehensive planning in vocational and technical education organized under these topics: (1) "The Systems Approach" treats a Pennsylvania approach to state-local program planning and an Oregon Planning Programming Budgeting Systems institute, (2) "Program Planning" includes a discussion of the future of vocational-technical education, program development in technical education, community college planning, manpower surveys, and distributive education, (3) "State Wide Planning" discusses area vocational-technical schools in Minnesota and a California project to prepare educational planners, and (4) "Federal-State Planning" includes vocational education and occupations, planning and evaluation, and state plan development. "Plain Talk," a continuing column by the editor, warns of problems inherent in a systems approach which does not recognize individuals and individual differences and discusses three references for professional reading. A bibliography lists 28 studies reported in this issue and provides ordering information. (DM)

VT 009 752 ED 034 061
McCracken, David
Intensive Training for Job Entry Skills: A Selected Bibliography for Use in Program Development. Information Series-Analysis Paper No. 1.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office Of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$0.85
Pub Date - Nov69 15p.

*RESEARCH REVIEWS (PUBLICATIONS); *BIBLIOGRAPHIES; *VOCATIONAL EDUCATION; *SKILL DEVELOPMENT; *JOB TRAINING; EDUCATIONAL NEEDS; PROGRAM DEVELOPMENT; PROGRAM EVALUATION; EDUCATIONAL RESEARCH; PROGRAM DESCRIPTIONS
*INTENSIVE PROGRAMS

This 43-item selected bibliography organized under the headings of The Need for Programs, Descriptions of Programs, The Development and Operations of Programs, Reports of Evaluations of Programs, and Information Sources, was developed to assist school districts in planning and implementing exemplary programs of intensive training in job-interest skills for students leaving school. The review and analysis section reveals the major strengths of these intensive programs as: (1) concern for the employment potential of each individual, (2) realistic training in view of employment opportunities, (3) the concern for placement of graduates, (4) ungraded instruction allowing pupils to progress at their own rate, (5) improvement in attitudes and work-seeking behavior, and (6) higher probability of employment for graduates. Major factors limiting success include: (1) competition for entry-level jobs, (2) problems in changing work attitudes of students, (3) lack of student motivation, (4) resistance to a "non-standard" instructional program, (5) training for skills incongruent with the aptitudes of students, and (6) failure to orient students to the purposes and objectives of the program. Ordering information is provided for each bibliographic entry. (AUTHOR)

VT 009 753 ED 034 062
McCracken, David
Work Experience for Broadening Occupational Offerings: A Selected Bibliography for Use in Program Development. Information Series-Analysis Paper No. 2.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$0.80
Pub Date - Nov69 14p.

*RESEARCH REVIEWS (PUBLICATIONS); *BIBLIOGRAPHIES; *VOCATIONAL EDUCATION; *COOPERATIVE EDUCATION; *WORK EXPERIENCE PROGRAMS; EDUCATIONAL NEEDS; PROGRAM DESCRIPTIONS; PROGRAM DEVELOPMENT; PROGRAM EVALUATION; EDUCATIONAL RESEARCH

A 40-item selective bibliography organized under the headings of The Need for Programs, Descriptions of Programs, The Development and Operation of Programs, Reports of Evaluations of Programs, and Information Sources was developed to assist school districts in planning and implementing exemplary programs of work experience for broadening and improving occupational offerings. The review and analysis summarizes the major strengths of cooperative work-study programs as: (1) a favorable cost-benefit ratio, (2) flexibility of scheduling and operation, (3) a broadening of occupational offerings, (4) job-oriented training program, (5)

reduction of unemployment of those completing programs, (6) development of a work reputation in students, (7) improvement in student motivation, and (8) improvement in school-industry cooperation. Some factors limiting program success include: (1) relative improvement of work attitudes and behavior, (2) lack of congruence of jobs with student interests and aptitudes, (3) little employer concern for student educational development, (4) discrimination by employers, and (5) a lack of awareness of the purposes and objectives of the program. Ordering information is provided for each document cited. (AUTHOR)

VT 009 780 ED 034 848
Barthel, Christopher E., Jr.
Kansas Vocational Education Research Coordinating Unit. Final Report.

Kansas Vocational Education Research Coordinating Unit, Topeka
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.50 HC-$3.85 OEG-3-6-062725-2213 08
BR-6-2725

Pub Date - Sep69 75p.

*VOCATIONAL EDUCATION; *RESEARCH COORDINATING UNITS; RESEARCH PROJECTS; INFORMATION DISSEMINATION; INTERAGENCY COORDINATION
KANSAS

This report covers the period from the approval of the Research Coordinating Unit (RCU) by the Office of Education in June 1966 to its termination on June 30, 1969. An introductory section treats the historical background and the establishment and development of the RCU. Other sections deal with: (1) activities and accomplishments in the areas of research and development, information, research coordination, and conferences, (2) personnel, (3) facilities and equipment, (4) major problems and observations, (5) recommendations, and (6) conclusions. (JK)

VT 009 784 ED 034 849
Barnes, Robert F.
A Continuation of Support for the Coordinating Unit for Occupational Research in the California State Department of Education. Final Report, July 1, 1967-August 31, 1969.

California State Dept. of Education, Sacramento. Vocational Education Section
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$1.35 OEG-0-8-070805-0389 08
BR-7-0805

Pub Date - 25Sep69 25p.

*RESEARCH COORDINATING UNITS; *VOCATIONAL EDUCATION; INFORMATION DISSEMINATION; INSERVICE EDUCATION; INTERAGENCY COORDINATION; CONSULTATION PROGRAMS
CALIFORNIA

The report of the Research Coordinating Unit for Vocational Education located in the State Department of Education describes activities relating to the following objectives: (1) locating and disseminating research findings, (2) sponsoring in-service training on research methods and design, (3) acting as a liaison between agencies and organizations interested in research, (4) promoting consultation services for institutions and organizations planning and conducting research, (5) coordinating research, and (6) stimulating research. (JK)

VT 009 785 ED 034 065
Lee, Arthur M.
Continuation of Arizona Occupational Research Coordinating Unit. Final Report.

Arizona Occupational Research Coordinating Unit, Phoenix
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$2.65 OEG-7-063029-1595 08
BR-6-3029

Pub Date - Sep69 51p.

*RESEARCH COORDINATING UNITS; *VOCATIONAL EDUCATION; *STATE PROGRAMS; *PROGRAM DESCRIPTIONS; INFORMATION DISSEMINATION; DEMONSTRATION PROJECTS; PROGRAM PLANNING
ARIZONA

The Arizona Research Coordinating Unit (RCU) was established as an experimental program to fill the need for vocational research development, coordination, and dissemination. The RCU now provides: (1) research development including the identification of research needs, (2) research coordination and dissemination, (3) educational data collection, storage and retrieval, and (4) exemplary program development. The staff and the services are available to the State Department of Education, educational institutions, and vocational educators and researchers throughout the state. This report discusses the organization and current operation of the RCU and provides recommendations for continued improvement. Some recommendations are: (1) the RCU should remain a service organization, (2) junior colleges, high schools, elementary schools, business and industry, the state department of vocational education, and the state employment service should be directly involved in the vocational researchof the universities and in projects of their own, and (4) the Educational Resources Information Center (ERIC) should be adapted to direct-access search and retrieval, and the RCU should have its entire library in ERIC instead of maintaining a separate facility. Supporting data and RCU activities are appended. (DM)

VT 009 786 ED 034 850
The Texas Occupational Research Coordinating Unit. Final Report.

Texas Occupational Research Coordinating Unit, Austin
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$0.90 OEG-4-6-062755-2076 08
BR-6-2755

Pub Date - Sep69 16p.

*RESEARCH COORDINATING UNITS; *VOCATIONAL EDUCATION; *RESEARCH PROJECTS; INFORMATION DISSEMINATION; RESEARCH NEEDS

This report covers the period from the initial grant award for the establishment of a Research Coordinating Unit (RCU) by the Office of Education in June 1966 to August 31, 1969. There are four major sections. "The Problem and the Proposed Solution" deals with the historical background of the RCU and lists the objectives set forth in the proposal. "Methods" discusses approaches to establishing research priorities, coordinating research activities, assisting agencies and institutions in the development of research proposals, and disseminating research information. "Results" lists general effects of the RCU activity and describes specific projects in which the RCU participated. "Conclusions and Recommendations" cites areas of research need. (JK)

VT 009 787 ED 034 851
Establishment of an Occupational Research and Development Coordinating Unit for the State of Rhode Island. Final Report, June, 1966 to August, 1969.

Rhode Island Occupational Research and Development Coordinating Unit, Providence
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$2.20 OEG-1-6-062776-2142 08
BR-6-2776
Pub Date - Sep69 42p.

*VOCATIONAL EDUCATION; *RESEARCH COORDINATING UNITS; *RESEARCH PROJECTS; *INFORMATION DISSEMINATION
RHODE ISLAND

Completed studies of the Research Coordinating Unit established at Rhode Island College include: "An Evaluation of Rhode Island's Teaching-Training Programs in Vocational Education" and "A Survey of Special Needs Students in Rhode Island" (presented in the appendix). In progress is "A Vocational-Technical Institute Development Program for Commercial Fisheries." A newsletter has been distributed to 600 educators periodically. The Unit has induced the Rhode Island College library to purchase "Office of Education" and "Research in Education" microfiche while the Unit has purchased the "Abstracts of Research and Related Materials in Vocational and Technical Education" and "Abstracts of Instructional Materials in Vocational and Technical Education" microfiche collections. The Unit director participated in the New England Regional Research Coordinating Unit conference and in the development of a regional research proposal, and wrote the research section of the State Plan. In addition to an account of activities and accomplishments, the document presents an historical perspective, a statement of objectives, and a sample newsletter. (JK)

VT 009 791 ED 034 068
Baker, Richard A.
Alabama Research Coordinating Unit for Vocational and Technical Education. Final Report.

Alabama Research Coordinating Unit for Vocational and Technical Education, Montgomery
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$1.30 OEG-2-6-062783-2212 08
BR-6-2783
Pub Date - Sep69 24p.

*RESEARCH COORDINATING UNITS; *STATE PROGRAMS; *PROGRAM DESCRIPTIONS; *VOCATIONAL EDUCATION; *EDUCATIONAL RESEARCH; RESEARCH PROJECTS; INFORMATION DISSEMINATION
ALABAMA

This final report of the Alabama Research Coordinating Unit for Vocational and Technical Education summarizes activities during the period from May 1, 1967 to August 31, 1969. The major activities of the RCU included: (1) employing and developing a competent research staff, (2) conducting informative meetings, (3) publishing brochures, (4) appointing a Unit Advisory Committee, (5) developing a research-resource center, (6) disseminating research findings, (7) assisting local school system with comprehensive studies, (8) conducting research and development seminars, (9) conducting institute-workshop for local level personnel, and (10) conducting research studies. (CH)

VT 009 796 ED 034 072
The Establishment of a State Research Coordinating Unit in Vocational Education in Pennsylvania. Final Report.

Pennsylvania Research Coordinating Unit for Vocational Education, Harrisburg
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$2.30 OEG-1-6-062740-2234 08
BR-6-2740
Pub Date - Sep69 44p.

*RESEARCH COORDINATING UNITS; *STATE PROGRAMS; *PROGRAM DESCRIPTIONS; *EDUCATIONAL RESEARCH; *RESEARCH PROJECTS; INFORMATION DISSEMINATION; PUBLICATIONS; STATE SURVEYS; MODELS; INFORMATION SYSTEMS
PENNSYLVANIA

This final report of the Pennsylvania Research Coordinating Unit for Vocational Education (RCU) summarizes activities during the period from August 1966 to August 31, 1969. Major activities and accomplishments of the RCU include program initiation, development of research and related activities, ancillary research and related projects, the Pennsylvania Vocational Education Study, and conferences and meetings. Dissemination activities were accomplished through the RCU Reporter, and "Pennsylvania Abstracts of Research and Related Materials." Also included is information about publications and papers presented by staff members and consulting services, staff summary, and future activities. (CH)

VT 009 805 ED 035 720
Vivian, Neal E.
A Plan for Research in Distributive Education; Report of a Research Planning Seminar. Final Report. Leadership Series No. 22.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.50 HC-$3.90 OEG-3-7-000158-2037 08
BR-7-0158
The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 ($2.50).
Pub Date - Nov69 76p.

*EDUCATIONAL RESEARCH; *DISTRIBUTIVE EDUCATION; *PLANNING; RESEARCH DESIGN; *CONFERENCE REPORTS; SEMINARS; RESEARCH NEEDS; RESEARCH METHODOLOGY
*RESEARCH PLANNING SEMINAR IN DISTRIBUTIVE EDUCATION

The purpose of the 2 1/2 day seminar held in July 1967 was to develop a systematic procedure for evolving long-range research plans in distributive education. The 12 participants included national leaders in distributive education and resource personnel representing educational research and the behavioral sciences. Papers presented in the report include: (1) "Some Problems of Design for Educational Research," and "The Development of a Matrix in Distributive Education Research," by William W. Farquahar, (2) "A Strategy for Psychological Research," and "Planning the Research Program," by William D. Hitt, and (3) "Development of a Research Matrix for Distributive Education," by Neal E. Vivian. (JK)

VT 009 934 ED 034 878
Delaware Occupational Research Coordinating Unit. Final Report, October 1, 1968 to August 31, 1969.

Delaware Occupational Research Coordinating Unit, Dover
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$0.65 OEG-1-6-062742-2146 08
BR-6-2742
Pub Date - 80ct69 11p.

*VOCATIONAL EDUCATION; *STATE PROGRAMS; *RESEARCH COORDINATING UNITS; *PROGRAM DESCRIPTIONS; *EDUCATIONAL RESEARCH; RESEARCH PROJECTS; INFORMATION DISSEMINATION
DELAWARE

This final report of the Delaware Occupational Research Coordinating Unit (RCU) summarizes activities during the period from October 1, 1968, to August 31, 1969. Specific activities reported are related to major activities and accomplishments during the period, significant findings and events, dissemination activities, other activities, and personnel. (CH)

VT 009 980 ED 034 883
The Establishment and Development of a Research Coordinating Unit in Occupational Education in North Carolina. Final Report.

North Carolina Research Coordinating Unit in Occupational Education, Raleigh
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$0.90 OEG-2-6-062735-2218 08
BR-6-2735
Pub Date - 30Sep69 16p.

*RESEARCH COORDINATING UNITS; *OCCUPATIONAL INFORMATION; DEVELOPMENT; *VOCATIONAL EDUCATION; FEDERAL AID; *RESEARCH PROJECTS; *EDUCATIONAL RESEARCH
NORTH CAROLINA; OCCUPATIONAL RESEARCH UNIT

The final report of the North Carolina Research Coordinating Unit in Occupational Education, defines the major purposes of the Unit as: (1) stimulating research in occupational education, (2) identifying problems for research, (3) making data available to researchers, policy makers, and practitioners on occupational education from national, state, and local levels, (4) maintaining communication between people who are working in occupational education programs, (5) assisting in training programs on activities involved in the research-action continuum for state-level research workers, and (6) providing consultant services in state, local and area research and developmental activities. The report covers major activities in which the staff was involved, dissemination activities, including the research reports completed during the period of operation, and a staff summary. The unit will be continued in North Carolina under the name "Occupational Research Unit" under the administration of the State Department of Public Instruction. (GR)

VT 010 093 ED 034 889
Cohen, Louis A.
The Continuation of Federal Support for the New York State Research Coordinating Unit for Vocational Education. Final Report.

New York State Education Dept., Albany. Bureau of Occupational Education Research
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.50 HC-$3.45 OEG-1-7-063019-2924 08
BR-6-3014
Pub Date - Oct69 67p.

*VOCATIONAL EDUCATION; *RESEARCH COORDINATING UNITS; STATE PROGRAMS; *OCCUPATIONAL INFORMATION; *PROGRAM DESCRIPTIONS; *RESEARCH PROJECTS; EDUCATIONAL RESEARCH
NEW YORK

This final report of the New York State Research Coordinating Unit for Vocational Education summarizes the activities covered between the period of April 1967 and August 31, 1969. Major topics considered are (1) objectives of the unit, (2) organization chart, (3) summary of activities April 1967-June 1967, (4) summary of activities, July 1968-August 1969, (5) project summaries, (6) dissemination project, and (7) evaluation. (GR)

VT 010 094 ED 034 890
Omvig, Clayton P.
Continuation of the Kentucky Research Coordinating Unit. Final Report.

Kentucky Research Coordinating Unit, Lexington
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$2.40 OEG-2-7-063024-3520 08
BR-6-3024
Pub Date - Sep69 46p.

STATE PROGRAMS; OCCUPATIONAL INFORMATION; *PROGRAM DESCRIPTIONS; *RESEARCH COORDINATING UNITS; EDUCATIONAL RESEARCH; VOCATIONAL EDUCATION; *RESEARCH PROJECTS
KENTUCKY

This final report of the Kentucky Research Coordinating Unit for Vocational Education summarizes the activities covered from April 1, 1967 to August 31, 1969. Major activities during this period included: (1) stimulating research, (2) carrying out research and development projects, (3) identifying potential research problems, (4) disseminating research findings, (5) developing a handbook of functions and operating procedures, and (6) establishing cooperative relationships among the individuals and institutions of Kentucky and other states. (GR)

VT 010 096 ED 034 892
Ohio Occupational Research and Development Coordinating Unit. Final Report.

Ohio Research Coordinating Unit in Occupational Education, Columbus
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS. OEC-5-85-131 08
BR-5-0137
Pub Date - 31Aug69 26p.

*OCCUPATIONAL INFORMATION; *RESEARCH COORDINATING UNITS; *VOCATIONAL EDUCATION; STATE PROGRAMS; *PROGRAM DESCRIPTIONS; *EDUCATIONAL RESEARCH
OHIO; OCCUPATIONAL RESEARCH AND DEVELOPMENT COORDINATING UNIT

This final report explains the purpose of the Ohio Occupational Research and Development Coordinating Unit and its activities and accomplishments from its inception July 1, 1965 to August 31, 1969. The three

specific objectives of the Ohio Unit are: (1) to gather data concerning employment, emerging occupational trends and future job projections, (2) to identify issues and problems relating to the nature and place of vocational education, and (3) to stimulate and encourage, coordinate, facilitate, and disseminate information concerning occupational education research and development activities. Attention is given to each area of activity as it contributes to the extension and improvement of vocational education in Ohio. Major activities are considered under the headings of (1) Organization and Staff, (2) Stimulating Research, (3) Facilitating Research, (4) Disseminating Research, (5) Coordinating Research, and (6) Developing Vocational Education Programs. The Ohio Unit was involved in numerous minor activities and also cooperated with other agencies in contributing to the overall activities of vocational education. (Not available in hard copy due to marginal legibility of original document). (GR)

VT 010 097 ED 034 893
Perryman, Bruce C.
The Establishment of a Research Coordinating Unit for Vocational Education in Wyoming and Addendum No. 3, Bibliography of Research Coordinating Unit Educational Materials. Final Report.

Wyoming Research Coordinating Unit in Vocational-Technical Education, Cheyenne
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS.
OEG-4-6-062729-2083 08
BR-6-2729
Pub Date - Nov69 76p.

*VOCATIONAL EDUCATION; *RESEARCH COORDINATING UNITS; STATE PROGRAMS; *EDUCATIONAL RESEARCH; *PROGRAM DESCRIPTIONS; POST SECONDARY EDUCATION; *OCCUPATIONAL INFORMATION; BIBLIOGRAPHIES
WYOMING

This final report covers the operation of the Wyoming Research Coordinating Unit (RCU) during the period June 1966 through August 1969. The purpose of Wyoming RCU is explained and an up-to-date listing of its major activities and accomplishments is included. The four basic activities were to: (1) coordinate local, state, federal and private occupational research activities, (2) design, conduct, and/or assist in the state research and development activities and projects that deal directly with occupational research, (3) identify, assemble, summarize, and disseminate occupational research information, and (4) provide consultant service to personnel in the State Occupational Education Division and to all occupational educators in the schools of the state. An annotated bibliography of educational materials for the RCU is appended. (Not available in hard copy due to marginal legibility of original document). (GR)

VT 010 100 ED 034 896
Moss, Jerome, Jr.; Nelson, Howard F.
Minnesota Research Coordinating Unit for Vocational Education. Final Report.

Minnesota Research Coordinating Unit in Occupational Education, Minneapolis
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS.
OEG-3-7-062987-1593 08
BR-6-2987
Pub Date - Sep69 24p.

*RESEARCH COORDINATING UNITS; STATE PROGRAMS; *OCCUPATIONAL INFORMATION; *PROGRAM DESCRIPTIONS; *VOCATIONAL EDUCATION; POST SECONDARY EDUCATION; RESEARCH PROJECTS
MINNESOTA

This final report of the Minnesota Research Coordinating Unit (RCU) for Vocational Education summarizes the activities covered between March 1967 and August 31, 1969. Major topics considered are (1) background of the Unit, (2) methods including organization, personnel, and facilities, (3) a listing of activities and how they meet the Unit's objectives, and (4) conclusions. Appended are a list of publications of the RCU and a list of other publications of the Research Coordinating Staff. (Not available in hard copy due to marginal legibility of original document.) (GR)

VT 010 101 ED 034 897
Indiana Research Coordinating Unit. Final Report.

Indiana Research and Development Coordinating Unit for Vocational and Technical Education, Terre Haute
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.50 HC-$4.05
OEG-3-6-062717-2144 08
BR-6-2717
Pub Date - 69 79p.

*VOCATIONAL EDUCATION; *RESEARCH COORDINATING UNITS; *RESEARCH PROJECTS; *EDUCATIONAL RESEARCH; CURRICULUM; OCCUPATIONAL GUIDANCE; OCCUPATIONAL INFORMATION
INDIANA

Occupational research and development goals concern: (1) stimulating occupational research and development activities, (2) developing coordination for a state system of occupational research and development, (3) maintaining information of research findings and needs, (4) increasing producer and consumer competence of state personnel, and (5) providing guidance and counseling service for potential researchers. Seventeen research projects have been approved by the Research Coordinating Unit, covering various aspects of curriculum development and vocational training. Brief descriptions of each project are included. (JK)

VT 010 109 ED 034 898
Householder, Daniel L.; Suess, Alan R.
Review and Synthesis of Research in Industrial Arts Education. Research Series No. 42.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.50 HC-$3.55
The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 ($2.25).
Pub Date - Oct69 69p.

BIBLIOGRAPHIES; LITERATURE REVIEWS; *SYNTHESIS; *INDUSTRIAL ARTS; *RESEARCH REVIEWS (PUBLICATIONS); DOCTORAL THESES; RESEARCH; PERIODICALS

This document provides an analysis and synthesis of the research in industrial arts education during the period 1966 through 1968, inclusive. Journal articles and doctoral dissertations were the primary sources for studies, while staff studies and reports of funded research were used when available to the reviewers. Major topics are: (1) History, Philosophy, and Objectives, (2) Curriculum Development, (3) Instructional Media and Methods, (4) Student Personnel Services, (5) Facilities and Equipment, (6) Teacher Education, (7) Administration

and Supervision, (8) Research, and (9) Summary. An extensive bibliography of the reviewed literature is included. This report complements a 1968 conference on research in industrial arts, a report of which is available as ED 029 986 or VT 008 591 (ARM Spring 1970). (GR)

VT 010 149 ED 032 576
Muthard, John E., Ed.; Dumas, Neil S., Ed.
Six Years of Rehabilitation Research: Studies of Personnel in Health Related Professions, Client Motivation, and Research Utilization. Final Report. Rehabilitation Research Monograph No. 3.

Florida Univ., Gainesville. Regional Rehabilitation Research Inst.
Social and Rehabilitation Service (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$2.60
Regional Rehabilitation Research Institute, College of Health Related Professions, University of Florida, Gainesville, Florida 32601.
Pub Date - Apr69 50p.

*RESEARCH PROJECTS; HEALTH OCCUPATIONS EDUCATION; *REHABILITATION; *ABSTRACTS; MANPOWER NEEDS; OCCUPATIONAL THERAPY; PHYSICAL THERAPY; MOTIVATION; PATIENTS (PERSONS); RESEARCH UTILIZATION
*REGIONAL REHABILITATION RESEARCH INSTITUTES; RRRI; FLORIDA UNIVERSITY

This report reviews the accomplishments, nature, scope and intended impact of the Regional Rehabilitation Research Institute at the University of Florida. The Institute's current projects and activities in manpower and research utilization are reviewed, as well as investigations conducted by previous staff members in the areas of client motivation and the selection of personnel for the health related professions. Abstracts of completed studies are provided in addition to an enumeration of the Institute's research resources and ongoing projects investigating the use of support personnel in occupational and physical therapy as well as rehabilitation counseling. (EDITOR)

VT 010 153 ED 034 900
Oregon Research Coordinating Unit for Vocational Education. Final Report.

Oregon Vocational Education Research Coordinating Unit, Corvallis
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$1.85 OEG-4-7-062983-1596(085) 08
BR-6-2983
Pub Date - Oct69 35p.

*RESEARCH COORDINATING UNITS; *EDUCATIONAL RESEARCH; *VOCATIONAL EDUCATION; *RESEARCH PROJECTS; STATE PROGRAMS; OCCUPATIONAL INFORMATION; PROGRAM DESCRIPTIONS
OREGON

This final report of the Oregon Vocational Education Research Coordinating Unit covers the activities during the period July 1, 1968 to August 31, 1969. During this period the aims of the Unit were reoriented to meet newly determined priorities. These aims are to: (1) identify current issues and problems, (2) stimulate research and development activities, (3) conduct and participate in research and development activities, (4) coordinate in- and out-of-state activities, (5) increase research competency, (6) information dissemination activities, and (7) discretionary award projects. Results in achieving these aims are reported. The continuation of the Unit is uncertain. (GR)

VT 010 165 ED 035 757
Activities of the Nebraska Research Coordinating Unit for Vocational Education. Final Report.

Nebraska Occupational Needs Research Coordinating Unit, Lincoln
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$1.35 OEG-3-7-063032-1620 08
BR-6-3032
Pub Date - Nov69 25p.

*STATE PROGRAMS; *OCCUPATIONAL INFORMATION; *PROGRAM DESCRIPTIONS; *RESEARCH COORDINATING UNITS; VOCATIONAL EDUCATION; RESEARCH PROJECTS; *EDUCATIONAL RESEARCH
NEBRASKA

This final report of the Nebraska Research Coordinating Unit for Vocational Education summarizes the activities covered from December 1, 1966 through August 31, 1969. Included in the report are: (1) major activities during the period, (2) problems, (3) significant findings and events, (4) collections, (7) staff utilization, (8) future activities planned for the next reporting period, and (9) certification. (GR)

VT 010 180 ED 036 629
Manpower Research Projects Sponsored by the U.S. Department of Labor, Manpower Administration Through June 30, 1969.

Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-$1.25 HC-$14.20
Pub Date - 69 282p.

*CATALOGS; *MANPOWER DEVELOPMENT; *FEDERAL PROGRAMS; *CONTRACTS; *RESEARCH PROJECTS; RESEARCH PROPOSALS; GRANTS
*MANPOWER DEVELOPMENT AND TRAINING ACT; MDTA; ECONOMIC OPPORTUNITY ACT; SOCIAL SECURITY ACT

This annual summary provides information about research programs which have been developed and administered by the Office of Manpower Research to June 30, 1969. The first section contains data about all projects in progress at the end of the 1969 fiscal year. Section 2 contains brief summaries of research projects completed during the year and section 3 is a cumulative list of all Manpower Development and Training Act Research completed since the Act was passed. The last part offers guidelines for the submission of research proposals to the Manpower Administration. (BC)

VT 010 204 ED 035 760
Stevenson, William W.
Research Coordinating Unit for Vocational Education in Oklahoma. Final Report. December 1, 1966-August 31, 1969.

Oklahoma Vocational Research Coordinating Unit, Stillwater
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.50 HC-$3.65 OEG-4-7-063018-1597 08
BR-6-3018
Pub Date - Sep69 71p.

*STATE PROGRAMS; *OCCUPATIONAL INFORMATION; *VOCATIONAL EDUCATION; *EDUCATIONAL RESEARCH; *PROGRAM DESCRIPTIONS; RESEARCH COORDINATING UNITS; RESEARCH PROJECTS
OKLAHOMA

This final report of the Oklahoma Research Coordinating Unit (RCU) for Vocational Education enumerates the results of activities in (1) the coordination of research, (2) the stimulation of research in vocational-technical education, (3) the conduct of research, (4) the dissemination of research findings, and (5) the training of researchers. Future activities of the RCU are also discussed. A complete listing of publications and research projects for the entire 4-year history of publications and research projects for the entire 4-year history of the RCU is included, and a special section is devoted to the description of techniques used to involve practitioners in the research process (e.g., workshops and "mini-grants"). Proposal forms and guidelines for writing proposals are appended. (GR)

VT 010 230 ED 035 762
Research Related to the Disadvantaged and Research Strategies for The Seventies.

EDRS PRICE MF-$0.25 HC-$1.35
Agricultural Education Division, Vocational and Technical Education Department, 357 Education Building, University of Illinois, Urbana, Illinois 61801 ($.50).
Pub Date - Jul69 25p.; Proceedings of the Annual Central Regional Research Conference in Agricultural Education (23rd, Urbana, Ill., July 29-31, 1969).

*AGRICULTURAL EDUCATION; *CONFERENCE REPORTS; *EDUCATIONAL RESEARCH; *RESEARCH PROJECTS; *DISADVANTAGED GROUPS; RESEARCH NEEDS
*CENTRAL REGIONAL RESEARCH CONFERENCE IN AGRICULTURAL EDUCATION; URBANA, ILLINOIS, JULY 29-31, 1969

The 23rd Annual Central Regional Research Conference in Agricultural Education was attended by 67 participants and guests representing 12 states. This report contains summaries of major presentations, including: (1) "Research Strategies for the Seventies," by John Coster, (2) "Project REDY," by L.J. Phipps, H. Thomas, and D.L. Williams, (3) "Warsaw Project," by R.W. Walker, (4) "Evaluation of Concurrent Work-Education Models," by J.F. Bobbitt, (5) "Evaluation of Curriculum," by R. Peterson, and R. Dillon, (7) "Characteristics of Research Design with Implications for Research Proposals and Evaluation," by F. Barnes, D. Carver, and H. Lerch, (8) "Involving Teachers of Agriculture in Occupational Surveys," by G. Richter and R. Field, (9) "Project Agriculture," by R. Wilson, (10) "Initiating and Funding Research Projects--State Level," by V. Burgener, and (11) "Initiating and Funding Research Projects--Federal Level," by D.E. Nielsen. Committee reports, the conference program, and a list of conference participants are included. (DM)

VT 010 247 ED 035 766
Towne, Douglas C.
A Program of Research and Development for Tennessee Designed to Bring Together All Available Research Resources to Support A Continuing Program of Vocational Education. Final Report.

Tennessee Occupational Research and Development Coordinating Unit, Knoxville
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$1.10 OEG-2-6-06-2730-2217 08
BR-6-2730
Pub Date - Aug69 20p.

*VOCATIONAL EDUCATION; *COOPERATIVE PROGRAMS; *EDUCATIONAL RESEARCH; *INFORMATION DISSEMINATION; *RESEARCH COORDINATING UNITS; BIBLIOGRAPHIES; FINANCIAL PROBLEMS
TENNESSEE

This report described the development and organization of the Research Coordinating Unit (RCU) in July 1966 which was designed to unite all research efforts and resources to support a continuing vocational education program in Tennessee. Financial support was provided by the Bureau of Research of the United States Office of Education, the Tennessee Division of Vocational and Technical Education, and the University of Tennessee. The major priorities were information dissemination, research, and development of research throughout Tennessee. The project was fairly successful in information dissemination and research but was not able to stimulate much research in the state. During the first year a rational base of operation was established. However, in the second and third year financial problems severely hampered the efforts of the RCU. (BC)

VT 010 248 ED 035 767
Utah Coordinating Unit for Research in Vocational and Technical Education. Final Report.

Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.50 HC-$3.45 OEG-4-7-063046-1612 08
BR-6-3046
Pub Date - Sep69 67p.

*EVALUATION; *RESEARCH COORDINATING UNITS; *EDUCATIONAL RESEARCH; *VOCATIONAL EDUCATION; RESEARCH NEEDS; *RESEARCH PROJECTS; PROGRAM DESCRIPTIONS; INFORMATION DISSEMINATION
UTAH

The Utah Research Coordinating Unit (RCU) was established to conduct and supervise vocational research, develop research competency in the State, disseminate vocation research information, and provide help in preparing research proposals. The research needs of Utah were established by workshop and teacher briefings and interviews with district and state specialists. The RCU was involved in a total of 30 projects from July 1968 to August 1969 ranging from vocational education to rural youth to an evaluation of mobile electronics education. To aid in the development of state research competencies, the RCU encouraged graduate students and retired educational personnel to carry out needed research projects, and conducted conferences and workshops. In addition, the RCU helped persons prepare vocational education research proposals. Although the project did try to disseminate research information in vocational education, they were not able to find an efficient means of distributing the information. A description of 28 research projects is included. (BC)

VT 010 295 ED 036 635
Loreen, C.O., Comp.
Summaries of Studies in Agricultural Education, Pacific Region, 1968-69. An Annotated Bibliography of Studies in Agricultural Education.

American Vocational Association, Washington, D.C. Pacific Research Committee
EDRS PRICE MF-$0.25 HC-$1.75
Pub Date - Dec69 33p.

*ABSTRACTS; *AGRICULTURAL EDUCATION; *ANNOTATED BIBLIOGRAPHIES; *EDUCATIONAL RESEARCH; *RESEARCH PROJECTS; MASTERS THESES

This compilation of research in agricultural education includes studies completed during 1968-69 in the eight states of the American Vocational Association Pacific Region. One staff study and 24 masters theses are summarized by listing their purpose, methodology, and major findings. Studies in progress, not completed during the 1968-69 year,

are appended. Studies completed during the previous year are announced as ED 024 832 or VT 007 619 (ARM Fall 1969). (DM)

VT 010 303 ED 036 637
Nevada State Occupational Research Coordinating Unit. Final Report.

Nevada Occupational Research Coordinating Unit, Reno
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$0.95 OEG-4-6-062723-22214 08
BR-6-2723
Pub Date - Oct69 17p.

*RESEARCH COORDINATING UNITS; *RESEARCH PROJECTS; PROGRAM DEVELOPMENT; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *EDUCATIONAL RESEARCH; EDUCATIONAL FACILITIES; CONFERENCES; PUBLICATIONS
NEVADA

This report is a summary of the activities of the Research Coordinating Unit (RCU) of Nevada which carried out a variety of research and development activities for vocational education. In the area of developmental research, the RCU conducted a survey of vocational-technical education needs and recommended improvements for the program both on a state-wide and individual school district basis. Various programs were established which were concerned primarily with organization, development, and implementation of specific educational and counseling programs. Facility planning was also carried out to analyze present needs, to aid in planning for new facilities, and to increase knowledge about the planning process. The RCU organized conferences and workshops to explore specific problems and to share new ideas in the field. In addition, the RCU published booklets, pamphlets, and reports which included position papers, informational documents, newsletters, and reports on specific projects. (BC)

VT 010 304 ED 036 638
Paulter, Albert J.; Schaefer, Carl J.
Review and Synthesis of Research in Trade and Industrial Education. Second Edition. Research 43.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$2.90
The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 ($2.25).
Pub Date - Sep69 56p.

*BIBLIOGRAPHIES; *EDUCATIONAL RESEARCH; *TRADE AND INDUSTRIAL EDUCATION; EDUCATIONAL OBJECTIVES; EDUCATIONAL PHILOSOPHY; MANPOWER DEVELOPMENT; *RESEARCH REVIEWS (PUBLICATIONS); SYNTHESIS; EMPLOYMENT OPPORTUNITIES; CURRICULUM DEVELOPMENT; EDUCATIONAL PROGRAMS; INSTRUCTIONAL MATERIALS; LEARNING PROCESSES; TEACHING METHODS; EDUCATIONAL FACILITIES; EDUCATIONAL EQUIPMENT; TEACHER EDUCATION; EDUCATIONAL ADMINISTRATION

This document provides an analysis and synthesis of trade and industrial education research studies primarily from August 1966 to April 1, 1969, which involved the collection of data and comparison either between groups or correlation of pieces of data for the same group. Sources ranged from books, journals, and dissertations to papers presented at meetings and unpublished studies. The review provides an overview of research in the following areas: (1) Philosophy and Objectives, (2) Manpower Needs and Employment Opportunities, (3) Curriculum Development, (4) Educational Programs, (5) Instructional Materials and Devices, (6) Learning Processes and Teaching Methods, (7) Student Personnel Services, (8) Facilities and Equipment, (9) Teacher Education, (10) Administration and Supervision, (11) Evaluation, and (12) Research. An extensive bibliography of the reviewed literature is appended. The first review of this subject covering research findings from 1962-1966 is available as ED 011 560 or VT 002 229 (ARM Winter 1967). (GR)

VT 010 306 ED 036 639
Phillips, Donald S.; Briggs, Lloyd D.
Review and Synthesis of Research in Technical Education. Second Edition. Research Series No. 47.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$2.60
The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 ($2.25).
Pub Date - Oct69 50p.

*BIBLIOGRAPHIES; *EDUCATIONAL RESEARCH; *TECHNICAL EDUCATION; EDUCATIONAL PHILOSOPHY; MANPOWER DEVELOPMENT; EDUCATIONAL PROGRAMS; CURRICULUM DEVELOPMENT; STUDENT PERSONNEL SERVICES; EDUCATIONAL ADMINISTRATION; TEACHER EDUCATION; TEACHING METHODS; LEARNING PROCESSES; INSTRUCTIONAL MATERIALS; PROGRAM EVALUATION; EDUCATIONAL FACILITIES; EDUCATIONAL EQUIPMENT; *RESEARCH REVIEWS (PUBLICATIONS); LITERATURE REVIEWS; *SYNTHESIS

This document provides an analysis and synthesis of some of the research in technical education since August 1966, and in some instances includes articles published prior to 1966 which were judged to be significant for showing trends or making comparisons. An overview of research is provided in the following areas: (1) Philosophy, (2) Manpower Needs, (3) Educational Programs, (4) Curriculum, (5) Student Personnel Services, (6) Evaluation, (7) Administration and Supervision, (8) Teacher Education, (9) Learning Processes and Teaching Methods, (10) Instructional Materials and Devices, (11) Facilities, and (12) Research. It was concluded that: (1) In general, much of the reported research suffers from deficiencies in design and methodology, (2) Descriptive research studies have limited value beyond the situation in which they were conducted, (3) Limited information was available about development and validation of questionnaires and opinionnaires when used, (4) Research studies dealt with small segments of large problems and tended to be terminal in nature, and (5) The amount of significant research in technical education is still quite limited. An extensive bibliography of the reviewed literature is appended. The first review of this subject covering the period prior to 1966 is available as ED 011 559 or VT 002 228 (ARM Winter 1967). (GR)

VT 010 317 ED 036 641
Brandon, George L., Ed.
Research Visibility: Vocational Education Curriculum.

American Vocational Association, Washington, D.C.
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$0.90 OEG-2-7-070633-3021 08
BR-7-0633
American Vocational Journal; v45 n1 pp45-60 Jan 1970.
Pub Date - Jan70 16p.

*RESEARCH REVIEWS (PUBLICATIONS); *BIBLIOGRAPHIES; *VOCATIONAL EDUCATION; *CURRICULUM; CURRICULUM DEVELOPMENT; CURRICULUM RESEARCH; EDUCATIONAL RESEARCH

Sixteen research reviews are organized under these topics: (1) Curriculum Development, treating a national conference report, a guide for the development of a curriculum, occupational analysis as a basis for curriculum development, and a shared-time concept for area programs, (2) Agricultural Education, reviewing innovative aspects of off-farm programs, directed work-experience programs for secondary students, and a production agriculture curriculum guide, (3) Business and Office Education, reporting a planning study on curriculum renewal, (4) Distributive Education, reporting a survey to determine appropriate occupational programs, the development of a retailing instructional system, a competency pattern approach to curriculum construction, regional workshops on project development, and a curriculum in food handling and distribution, (5) Health Occupations, including a school program for practical nurses, and the Pittsburgh demonstration project, and (6) Home Economics Education, forwarding a plan for comprehensive secondary school programs which includes an illustrated model. "Plain Talk," a continuing column by the editor, discusses the elitist general education philosophy for the education of students in junior and community colleges as opposed to the pragmatic career training philosophy. A bibliography lists the studies reported in this issue as well as 56 additional studies which were not reviewed and provides ordering information. (DM)

VT 010 322 ED 036 642
Horner, James T., Comp.
Summaries of Studies in Agricultural Education, Central Region 1968-69. An Annotated Bibliography of Studies in Agricultural Education.

Nebraska Univ., Lincoln. Dept. of Agricultural Education
EDRS PRICE MF-$0.50 HC-$5.25
Departmental Report No. 14.
Pub Date - Dec69 103p.

*ABSTRACTS; *AGRICULTURAL EDUCATION; *ANNOTATED BIBLIOGRAPHIES; *EDUCATIONAL RESEARCH; *RESEARCH PROJECTS; DOCTORAL THESES; MASTERS THESES

This compilation of research in agricultural education includes abstracts of 82 studies completed during 1968-69 in 11 of the 13 states of the American Vocational Association Central Region. They are arranged alphabetically by author and indexed by subject. A list of studies in progress in 1969-70 is also included. The abstracts are organized according to each study's purpose, method, and findings. Included are masters studies, staff studies and doctoral dissertations. All studies reported are available for loan from university libraries, departments of agricultural education in universities, and state departments of vocational and technical education. Studies completed during the previous year are announced as ED 024 831 or VT 007 618 (ARM Fall 1969). (EDITOR/DM)

VT 010 328 ED 036 644
Shontz, David F.,,Ed.
Abstracts of Research Studies in Agricultural Education Completed in 1968-69 in the North Atlantic Region.

American Vocational Association, Washington, D.C. North Atlantic Research Committee
EDRS PRICE MF-$0.25 HC-$2.45
PubDate - Nov69 47p.; Prepared for Distribution at the North Atlantic Regional Seminar and Research Conference, Pennsylvania State University, University Park, November 5-7, 1969

*ABSTRACTS; *AGRICULTURAL EDUCATION; *ANNOTATED BIBLIOGRAPHIES; *RESEARCH PROJECTS; *EDUCATIONAL RESEARCH; DOCTORAL THESES; MASTERS THESES

Abstracts of 41 studies in agricultural education completed in the American Vocational Assocation North Atlantic Region, in the years 1968-69, are included in this mimeographed document. Represented are staff studies, doctoral dissertations, and masters theses. The individual abstracts include the purpose, method and findings of each study. Studies for the previous year are announced as ED 024 834 or VT 007 621 (ARM Fall 1969). (DM)

VT 010 358 ED 035 774
Hergenreter, Leonard
Continuation of the Colorado Research Coordinating Unit. Final Report.

Colorado Research Coordinating Unit, Fort Collins
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$0.85 OEG-4-7-063015-1589 08
BR-6-3015
Pub Date - Sep69 15p.

*RESEARCH COORDINATING UNITS; *INFORMATION DISSEMINATION; *EVALUATION; *EDUCATIONAL RESEARCH; *RESEARCH PROJECTS COLORADO; COLORADO STATE UNIVERSITY

This report surveyed the activities of the Research Coordinating Unit (RCU) at Colorado State University from June 1966 to August 1969. The RCU was responsible for coordinating data collection at several State agencies and research of the State Board and teacher training institutions. Information dissemination activities included the preparation of two films on vocational education, the organization of a dissemination and resource center at the university, and publication of various booklets and pamphlets about vocational education. In addition, the RCU tried to stimulate research and development at the local and university level by coordinating projects and working closely with graduate students at the Vocational Education Department at Colorado State University. (BC)

STUDENTS, OCCUPATIONAL GUIDANCE AND OTHER STUDENT PERSONNEL SERVICES SECTION

VT 002 651 ED 036 605
Johnson, Benton, Ed.; Kitchel, Joanne, Ed.
The Conference on Unexplored Aspects of the Development of Occupational Goals of Youth (University of Oregon, August 9-13, 1965). Summarizers' Reports.

Oregon Univ., Eugene. Center for Research in Occupational Planning
EDRS PRICE MF-$0.25 HC-$2.70
Center for Research in Occupational Planning, University of Oregon, Eugene, Oregon 97403.
Pub Date - 65 52p.

*YOUTH; *OCCUPATIONAL ASPIRATION; *GOAL ORIENTATION; *VOCATIONAL DEVELOPMENT; DECISION MAKING; *OCCUPATIONAL CHOICE; SOCIAL STRUCTURE; SOCIAL INFLUENCES

The purpose of this conference was the stimulation of ideas concerning new areas of inquiry that need to be explored in the field of occupational orientations of young people. The conference featured small group discussions covering six basic topics: (1) What is the structure of the decision-making process? (2) To what extent is occupational choice a rational, ordered, systematic process? (3) What contributions to occupational outcome does the social structure make and what is the effect of the position of the actor in that structure? (4) To what extent are extrapersonal situations effective limitors or determinants of occupational outcome? (5) What is the developmental process leading to an initial occupational commitment? and (6) What is the continuing development of occupation or career after the initial commitment? The summary reports of each topic are given; a more detailed account of the discussion will follow. A bibliography of materials available at the conference is included. (CH)

VT 002 690
Adams, Walter, Ed.; Schnack, Dermot, Ed.
Ohio Vocational Education Notebook.

Ohio State Dept. of Education, Columbus. Div. of Guidance and Testing
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Sep67 130p.

*OCCUPATIONAL GUIDANCE; *RESOURCE GUIDES; *RESOURCE MATERIALS; *VOCATIONAL EDUCATION

This publication was developed as an orientation booklet to be used by school counselors as they interpret vocational programs to students, parents, community, and educators. Program descriptions, vocational performance skills which are goals of the training program, admission guidelines, employment opportunities, and resources for use in orientation and counseling are provided for 57 vocational education programs. Sections of the publication include Vocational Agriculture, Business and Office Education, Distributive Education, Home Economics, and Trade and Industrial Education. (PS)

VT 006 143
Careers in the Quantity Food Service Industry, Vocational Guidance Manual.

National Restaurant Association, Chicago, Ill.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 20p.

*FOOD SERVICE WORKERS; *VOCATIONAL COUNSELING; *OCCUPATIONAL HOME ECONOMICS; *TRADE AND INDUSTRIAL EDUCATION; *OCCUPATIONAL INFORMATION

The quanitity food service industry, the nation's fourth largest industry, offers career opportunities to thousands of youth each year. Preparation for a food service industry career is similar to preparation for careers in other industries. Youths can start their career work immediately after graduation from high school or vocational training school. Others may elect to obtain training in community colleges, junior colleges, and technical training schools. Still others become better equipped through 4-year college programs. This career program booklet, prepared for those doing career counseling, is supplemented by newsletters, charts, and a full-color filmstrip. A double page chart lists job descriptions for the kinds of restaurant positions available. Subject matter sections of the booklet are: the restaurant industry, personal qualifications, restaurant organization, advantages in industry, preparing for a career, positions available, high school graduates, junior college graduates, college graduates, questions answered, other sources of information, and the scholarship program. (FP)

VT 006 298
Anderson, Katherine Krista
Experiences of Iowa Senior High School Girls in Housing.

Iowa State Univ. of Science and Technology, Ames
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 66 93p.

SENIORS; FEMALES; INDIVIDUAL CHARACTERISTICS; *STUDENT EXPERIENCE; *HOME ECONOMICS EDUCATION; *HIGH SCHOOL STUDENTS; *HOUSING; FAMILY MANAGEMENT; *HOMEMAKING SKILLS; HOME MANAGEMENT; DECISION MAKING; SOCIAL STATUS; MASTERS THESES
IOWA

To determine family housing experiences and the ways in which grade level, intellectual capacity, place of residence and social status relate to these experiences, 406 randomly selected high school students representing 34 Iowa schools were surveyed. The data were analyzed to determine frequencies of response for each item by grade level, identify clusters of items, and correlate cluster scores with personal characteristics. Simple and routine tasks were found to be performed most frequently while major time consuming tasks were performed less frequently. One quarter or more of the sample had opportunities to help select wall coverings, fabric and non-fabric accessories, recreation equipment, window treatment and furniture. The higher the grade level, the more experience girls had with housecleaning tasks outside the home for pay and with interior decorating activities. The higher the intellectual capacity, the more experience girls had with housecleaning tasks outside the home and with knowledge of social conditions influencing housing. The findings are presented in tabular form. The questionnaire, direction sheet, letters,social status classification, coding plan, and a bibliography are included. This Master of Science Thesis was submitted to Iowa State University of Science and Technology. (FP)

VT 007 225
Schnack, Dermot J.
An Interview with Your Coordinator of Vocational Guidance.

Ohio State Dept. of Education, Columbus. Div. of Guidance and Testing
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 66 7p.; Enclosure with Ohio Guidance News and Views, November/December 1966

*OCCUPATIONAL GUIDANCE; *VOCATIONAL COUNSELING; VOCATIONAL EDUCATION; PROGRAM DEVELOPMENT; *STAFF ROLE; STAFF ORIENTATION; *QUESTION ANSWER INTERVIEWS; GUIDANCE SERVICES; STATE PROGRAMS; STATE SUPERVISORS
OHIO

The services available from the coordinator of vocational guidance, a new position in the Division of Guidance and Testing in the State of Ohio, are clarified. Specific information is given on: the need for these personnel, an occupational profile, typical activities requiring travel, activities found in most programs, the place of counseling in vocational guidance, program development, and types of schools employing vocational guidance coordinators. (CH)

VT 007 227
Student Vocational Interest Survey.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - 1May67 16p.

*OCCUPATIONAL GUIDANCE; *VOCATIONAL EDUCATION; *EDUCATIONAL PLANNING; *OCCUPATIONAL CHOICE; *INTEREST TESTS; FORCED CHOICE TECHNIQUE; OFFICE OCCUPATIONS EDUCATION; BUSINESS EDUCATION; DISTRIBUTIVE EDUCATION; HOME ECONOMICS EDUCATION; TRADE AND INDUSTRIAL EDUCATION; AGRICULTURAL EDUCATION

To aid students in making vocational choices, this survey was devised. The first part includes a 200-item forced choice student vocational interest questionnaire with accompanying questionnaire report form, group analysis of vocational choice selection form, questionnaire interpretation key, and tabulation instructions. The purpose of this section is to determine the activities a student likes, dislikes or is unsure about. The second part is a training and vocational choice record which determines student's educational and vocational plans. Categories of general interest include: (1) vocational training, (2) vocational training and college plans, (3) vocational training and educational or training plans other than college, (4) college plans, (5) educational or training plans other than college, and (6) undecided or no preference for a particular course of study. Vocational service areas are: business and office, distributive education, home economics, agriculture, and trade and industrial education. (CH)

VT 007 243
Miller, Harris E.
A Survey of Vocational Education Interest Among Sophomores in Six Iron Range School Districts.

Minnesota Univ., Duluth. Educational Research and Development Council of Northeast Minnesota
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Mar68 26p.

*VOCATIONAL EDUCATION; *EDUCATIONAL INTEREST; *STUDENT INTERESTS; *GRADE 10; VOCATIONAL INTERESTS; SCHOOL SURVEYS; QUESTIONNAIRES
MINNESOTA

Seven hundred and fifty-three sophomore students in six contiguous high schools representing a logical grouping for cooperative course offerings in vocational education were surveyed to learn their interest in vocational courses and which courses would be desired. Two hundred and twenty-four students indicated a preference for vocational education with an additional potential coming from 326 students for whom this kind of experience was selected as a second choice. Few specific courses attracted an appreciable number of students, but tables listing courses in rank order of preference are given. The questionnaire is included. (CH)

VT 007 292
Robinson, Lillie McCray
Determining Employment Needs, Educational Feasibilities, and Potential Enrollments in Occupational Home Economics at the Post-Secondary Level in Oklahoma. Research Report No. 7.

Oklahoma Vocational Research Coordinating Unit, Stillwater
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jul68 123p.

*OCCUPATIONAL HOME ECONOMICS; *FEASIBILITY STUDIES; INTERVIEWS; *SCHOOL INDUSTRY RELATIONSHIP; ADMINISTRATOR ATTITUDES; EMPLOYER ATTITUDES; STUDENT ATTITUDES; *INTEREST RESEARCH; PROGRAM DEVELOPMENT
OKLAHOMA

A feasibility study was conducted to determine the interest in and the need for post-secondary occupational home economics programs in Oklahoma. The researcher interviewed 10 school administrators and instructors, 92 business organizations, and 678 students. The majority of business and school personnel were interested in developing some programs in each of the five basic home economics areas. The sample agreed on the need for observation and work experience as part of the occupational training. The greatest interest was shown for child care and guidance and the least for institutional management. The most desirable curriculums was 25 percent general education and 75 percent vocational-technical training. According to the employers, there is a major need for positive attitudes toward work. The researcher recommends that more occupational home economics programs be implemented in the Northern Area of the state. Other recommendations relate to improvement of the instrument, survey techniques and curricular decisions. The data are reported in tabular form, and the interview schedules are appended. (FP)

VT 007 293 ED 024 081
Leton, Donald A.; Dodd, Carol S.
Concepts of Career Fields Held by Eleventh Grade Students.

Hawaii Univ., Honolulu. Community Coll. System
Hawaii Vocational Education Research Coordinating Unit, Honolulu
EDRS PRICE MF-$0.50 HC-$4.35
Pub Date - 68 85p.

*CAREER PLANNING; *CAREER CHOICE; *CONCEPT FORMATION; *CAREERS; *GRADE 11; PSYCHOLOGICAL NEEDS; WORK ATTITUDES; QUESTIONNAIRES
CAREER CHOICE QUESTIONNAIRE; CCQ; OCCUPATIONAL ORIENTATION INVENTORY; OOI; EDWARDS PERSONAL PREFERENCE SCHEDULE; EPPS

Data concerning the degree of realism of 11th grade career concepts were collected from 1,005 students by use of three instruments: the Career Choice Questionnaire, the Occupational Orientation Inventory, and the Edwards Personal Preference Schedule. The results of this study suggest a number of actions which might contribute to more effective vocational counseling at the high school level: (1) A study should be made of the vocational education content of general courses to determine whether the career implications of general courses is made explicit or recognized by teachers and students, (2) Schools should have books, pamphlets, and other career literature effectively disseminated to students, and (3) In addition to vocational resource speakers, more

field trips to work sites should be made in order to obtain more accurate information about work settings and conditions. A longitudinal study of vocational development is recommended in order to account for the complexity of relationships between career choices, personal needs, and the attitudinal orientation of individuals toward work conditions. (CH)

VT 008 669
Putting The Pieces Together. An Inventory of Occupational Training.

San Joaquin Valley Community Colleges, Calif.
MF AVAILABLE IN VT-ERIC SET.
San Joaquin Valley Community College, Council for Occupational Education, 1735 L Street, Room 16, Merced, California 95349 (no charge).
Pub Date - 68 131p.

*DIRECTORIES; *COLLEGE PROGRAMS; *COMMUNITY COLLEGES; *PROGRAM DESCRIPTIONS; *VOCATIONAL EDUCATION *SAN JOAQUIN VALLEY; CALIFORNIA

A survey of 11 community colleges offering vocational programs in Central California is presented in the form of program descriptions, evaluative statements, and program directory. Addresses, enrollment data, and educational programs are given for each college. (EM)

VT 009 231
Education for Nursing--the Diploma Way.

National League for Nursing, New York, N.Y. Dept. of Diploma Programs
MF AVAILABLE IN VT-ERIC SET.
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($.25).
Pub Date - 68 43p.

HEALTH OCCUPATIONS EDUCATION; *NURSING; *TECHNICAL EDUCATION; *DIRECTORIES; POLICY; OCCUPATIONAL GUIDANCE; *ACCREDITATION (INSTITUTIONS); EDUCATIONAL GUIDANCE; *HOSPITALS; PROGRAM LENGTH; PROGRAM COSTS; CERTIFICATION NATIONAL LEAGUE FOR NURSING

Updated by a supplement for December 1968, the document lists by state over 500 programs approved by the National League for Nursing as of April 1968. Information for each entry includes: (1) address of school, (2) name and title of the head of the school, (3) acceptance policies with regard to married and transfer students, (4) program length, (5) arrangements for courses given outside the school, (6) living arrangements, and (7) approximate cost for each year. An introduction discusses the characteristics of diploma school education and the meaning of the terms state approval and specialized accreditation. (JK)

VT 009 232
College Education: Key to a Professional Career in Nursing.

National League for Nursing, New York, N.Y. Dept. of Baccalaureate and Higher Degree Programs
MF AVAILABLE IN VT-ERIC SET.
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($.25).
Pub Date - 68 19p.

*PROFESSIONAL EDUCATION; *NURSING; *DIRECTORIES; *ACCREDITATION (INSTITUTIONS); POLICY; OCCUPATIONAL GUIDANCE; EDUCATIONAL GUIDANCE; PROGRAM LENGTH; PROGRAM COSTS; CERTIFICATION; HIGHER EDUCATION NATIONAL LEAGUE FOR NURSING

Updated by a supplement for January 1969, the document lists by state 163 programs accredited by the National League for Nursing. Information for each entry includes: (1) address of the college or university, (2) name and title of the head of the program, (3) classification of students for whom program was accredited (students with no previous preparation in nursing and/or graduates of diploma and associate degree programs), (4) minimum educational entrance requirement, (5) program length, (6) residence requirements, (7) policies regarding acceptance of college graduates, married students, and men, (8) policies regarding part-time study, (9) living arrangements, and (10) the costs for each year. An introduction describes collegiate education for professional nursing, and explains state approval, general (regional) accreditation, and professional (national) accreditation. Suggestions are presented regarding collegiate education for: (1) high school students and graduates, (2) college graduates and individuals who have had some college work, and (3) students in and graduates of diploma and associate degree programs. Sources of further information are suggested. (JK)

VT 009 767 ED 034 846
Manley, Fred Williams, Comp.
Technical Education Curriculums in Agriculture and Natural Resources in the United States of America; 1968-69 Directory (Also containing 1967-68 and 1966-67 Directories).

EDRS PRICE MF-$0.25 HC-$2.75
Pub Date - Sep69 53p.

*TECHNICAL EDUCATION; *POST SECONDARY EDUCATION; *DIRECTORIES; *AGRICULTURAL EDUCATION; *EDUCATIONAL OPPORTUNITIES; NATURAL RESOURCES; NATIONAL SURVEYS; EDUCATIONAL GUIDANCE; OCCUPATIONAL GUIDANCE

Curriculums offered, student enrollment, and number of agricultural faculty members are listed for each of the 243 institutions in the United States offering technical education programs in agriculture at the post-secondary level in the academic year 1968-1969. The name, address, and telephone number of the institution and the name of the chief of agricultural education, administrator or instructor for each institution are provided. The document also summarizes the data for the 1966 through 1968 school years. The 4,643 students enrolled in 1968-69 represented a 34 percent increase over the previous year. Other increases were: (1) part time faculty, 28 percent, (2) full time faculty, 36 percent, (3) number of curriculums offered, 21 percent, and (4) number of institutions offering curriculums, 23 percent. Programs were offered in 43 states and territories. A ranking of states by student enrollment and a numerical summary of curricular offerings are appended. (DM)

VT 009 806 ED 034 855
Bender, Ralph E.
Role of High School Vocational Agriculture in Occupational Decision Making.

EDRS PRICE MF-$0.25 HC-$1.80
Pub Date - 90ct69 34p.; Speech presented at a meeting of North Central Regional Research Committee 86 (Chicago, Illinois, October 9, 1969).

*SPEECHES; *RESEARCH REVIEWS (PUBLICATIONS); *VOCATIONAL AGRICULTURE; *SECONDARY GRADES; *VOCATIONAL DEVELOPMENT; PROGRAM DESCRIPTIONS; CURRICULUM; STUDENT ORGANIZATIONS; COLLEGE PREPARATION; JOB PLACEMENT; OCCUPATIONAL CHOICE; DISADVANTAGED YOUTH; PREVOCATIONAL EDUCATION; EDUCATIONAL NEEDS; EDUCATIONAL TRENDS; GUIDELINES; PROGRAM DEVELOPMENT
*THE ANATOMY OF DECISION MAKING AS IT RELATES TO OCCUPATIONAL AND EDUCATIONAL CHOICES OF RURAL YOUTH, CHICAGO, ILLINOIS, OCTOBER 9, 1969

Schools have been encouraged by recent legislation to develop vocational programs for all students interested in any phase of agriculture. In 1968, a total of 524,775 high school students were enrolled, 26 percent were engaged in off-farm agricultural education programs. The 12,000 teachers of these students also conducted programs for approximately 350,000 young and adult farmers. Vocational education programs in agriculture are being updated through increased use of multiple-teacher departments, development of area vocational centers, curriculum revision, work experience programs, addition of prevocational programs, and development of programs for youth with special needs. Post-high school technical and continuing education is becoming more imperative in order to advance and retain jobs. Persons who have studied vocational agriculture in high school achieve as well or slightly better in college than students who have not. In a 40-year study, it was indicated that slightly more than 40 percent of the high school graduates were employed in farming and related occupations. A summary of the annual report of the national advisory council on vocational education for 1969, projections for the future, and guidelines forwarded by various groups relating to vocational education in agriculture conclude the paper. (DM)

VT 009 855 ED 036 620
A Guidance Counselor's Handbook to Career Opportunities in the Health Field.

New Hampshire Health Careers Council, Concord
EDRS PRICE MF-$0.50 HC-$3.75
New Hampshire Health Careers Council, 61 South Spring Street, Concord, New Hampshire 03301.
Pub Date - 68 73p.

*GUIDES; OCCUPATIONAL GUIDANCE; *OCCUPATIONAL INFORMATION; *COUNSELORS; *HEALTH OCCUPATIONS; *HEALTH OCCUPATIONS EDUCATION; EMPLOYMENT OPPORTUNITIES; SALARIES
NEW HAMPSHIRE

Intended for use by all persons in New Hampshire involved in occupational guidance, this looseleaf manual presents information about 35 health occupations at all levels. For each occupation, information is included about the nature of the work, employment opportunities, income potential, education requirements, schools offering programs, and sources of additional information. (JK)

VT 009 979 ED 034 882
Brandon, George L., Ed.
Research Visibility: Guidance and New Careers.

American Vocational Association, Washington, D.C.
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$0.90 OEG-2-7-070633-3021 08
BR-7-0633
American Vocational Journal; v44 n9 pp41-56 Dec 1969.
Pub Date - Dec69 16p.

*RESEARCH REVIEWS (PUBLICATIONS); *BIBLIOGRAPHIES; *VOCATIONAL EDUCATION; *EDUCATIONAL RESEARCH; *OCCUPATIONAL GUIDANCE; VOCATIONAL COUNSELING; DEMONSTRATION PROGRAMS; VOCATIONAL DEVELOPMENT; OCCUPATIONAL INFORMATION; CAREER PLANNING; INFORMATION DISSEMINATION
NEW CAREERS

Thirteen research reviews in this issue pertain to guidance and new careers organized under topics of: (1) Occupational Information, treating a career information service, a pilot computer-assisted guidance program, a junior high school program, and a study of information flow into secondary schools, (2) Careers, including a discussion of a national seminar on vocational guidance, a career development workshop, and a manual prepared for personnel developing a comparative guidance and placement program, (3) Research Reviews, discussing student selection and prediction of success, and guidance and counseling services, and (4) Student Interests and Experiences, reporting a student socioeconomic profile, vocational interests of nonprofessional women, techniques applied to maladjusted under-achievers, and career thresholds. "Plain Talk," a continuing column by the editor reports anticipated changes in future research reviews reflecting: (1) a teacher target audience, (2) problem-centered research, (3) a synthesis pointing out alternatives for action, (4) retention of the synthesis-application-dissemination theme, and (5) continued survey of the readership. A warning is voiced of the possibility of a dual-track system in vocational and general education in both the guidance and education functions. The bibliography lists 47 related studies and five document sources for further reading. (DM)

VT 009 987 ED 036 625
Sinick, Daniel
Part-Time, Summer and Volunteer Jobs for Jewish and Other Minority Group Youth.

B'nai B'rith, Washington, D.C. Vocational Service
EDRS PRICE MF-$0.50 HC-$5.75
B'nai B'rith Vocational Service, 1640 Rhode Island Avenue, Washington, D.C. 20036 ($2.50).
Pub Date - 69 113p.

*GUIDES; GUIDANCE COUNSELING; OCCUPATIONAL GUIDANCE; *OCCUPATIONAL INFORMATION; *MINORITY GROUPS; *EMPLOYMENT OPPORTUNITIES; *YOUTH EMPLOYMENT; VOLUNTEERS
JEWISH YOUTH

Part-time, summer or volunteer jobs serve as a try-out work experience and/or as an income producer. Advice is given on where to find these jobs and how to get them. Other major sections present information about: (1) part-time jobs, (2) summer and other temporary jobs, and (3) volunteer jobs. These sections are further divided into advice for those of high school age and for those of college age and older. Typical chapter titles are "Jobs Connected with School," "Jobs Connected with Homes," "Jobs in Other Places," "Jobs That Are Different," "Helping People Directly," and "Helping Helping Agencies." Appended are listings of area offices of the United States Small Business Administration, colleges and universities offering cooperative education programs, regional offices of the United States Offices of Education and Economic Opportunity, interagency boards of the United States Civil Service Commission, and national park concessioners, as well as information about age requirements for employment. (JK)

VT 010 116 ED 035 742
Thompson, John F.
Pilot Programs in Vocational Agriculture. Report No. 2, Characteristics of Students Enrolled in Wisconsin Vocational Agriculture Pilot Programs, 1968-1969.

Wisconsin Univ., Madison, Dept. of Agricultural and Extension Education
EDRS PRICE MF-$0.25 HC-$1.95
Pub Date - 69 37p.

*VOCATIONAL AGRICULTURE; *PILOT PROJECTS; *STUDENT CHARACTERISTICS; *PROGRAM EVALUATION; STUDENT ENROLLMENT; CAREER PLANNING; OCCUPATIONAL ASPIRATION; CAREER CHOICE; VOCATIONAL INTERESTS; JOB SKILLS; VOCATIONAL APTITUDE
WISCONSIN

Data on student characteristics, student attitudes, career plans, occupational aspirations and expectations, vocational maturity, interests, skills, and aptitudes were obtained for 205 students enrolled in 10 Wisconsin vocational agriculture pilot programs. A formative evaluation yielded the following major conclusions: (1) The pilot programs attracted students with non-farm backgrounds, (2) The pilot program did not employ the traditional 4-year sequence of courses in agriculture, (3) Non-farm students enrolled in the courses with very little prior occupational experience, (4) Students enrolled on an elective basis and for exploratory reasons, (5) Previous occupational experience affected career plans, (6) Residence affected career plans, (7) Students with a farm background and previous occupational experience may possess more vocational maturity than students without such experiences, (8) The students viewed themselves as possessing high interest, skill, and aptitude in outdoor and mechanical vocations, (9) Vocational agriculture enrollment in seven of the nine pilot schools increased in excess of the male population of the school, and (10) The ninth grade students of the pilot program schools had recorded IQ scores in the normal or average range but had achieved below average academically. (DM)

VT 010 147 ED 035 750
Lecznar, W.B., And Others
Vocational-Technical Education: New Horizons; A Symposium Presented at the Meeting of the American Personnel and Guidance Association (Las Vegas, Nevada, April 2, 1969).

EDRS PRICE MF-$0.50 HC-$3.95
Pub Date - 2Apr69 77p.

*VOCATIONAL EDUCATION; *CURRICULUM DEVELOPMENT; *PSYCHOLOGICAL TESTING; *COUNSELING PROGRAMS; *OCCUPATIONAL GUIDANCE; OCCUPATIONAL INFORMATION; VOCATIONAL COUNSELING; EDUCATIONAL TRENDS; DEVELOPMENTAL GUIDANCE; COUNSELOR FUNCTIONS

This symposium focused on curricular developments and trends, prediction models and inputs from psychological testing, a developmental counseling program within a 2-year technical institute, and their implications for vocational-technical education. Four papers were presetned: (1) "Recent Developments and Trends in Vocational-Technical Education and Curriculum," by Edward J. Morrison, (2) "Testing for Vocational-Technical Training Programs," by Lonnie D. Valentine, Jr., (3) "Inputs to Vocational-Technical Education from Occupational Research," by Raymond E. Christal, and (4) "What Can Happen When There Are Enough Counselors: One Approach to a Two-Year Technical Institute," by Francis D. Harding. W. Wesley Tennyson presented a summary statement and integration of the implications for counseling practice and counselor education. (CH)

VT 010 324 ED 036 643
Nurse Tutoring Study of the City University of New York; Interim Progress Report.

Kingsborough Community Coll., Brooklyn, N.Y.
EDRS PRICE MF-$0.75 HC-$6.95
Pub Date - 30Jun69 137p.

*NURSING; HEALTH OCCUPATIONS EDUCATION; *TECHNICAL EDUCATION; CONTROL GROUPS; *SCHOOL HOLDING POWER; *TUTORIAL PROGRAMS; RESEARCH PROJECTS

The purpose of the program has been to provide tutoring and remedial services to assist nursing students to graduate and enter the labor force. During the fall 1968 semester, 239 freshmen of five City University of New York (CUNY) college received 1,801 hours of assistance from student tutors drawn from CUNY. During the spring 1969 semester, 142 freshmen received 2,042 hours of tutoring. A coordinator employed part-time in each of the five colleges trained and guided the student tutors. Preliminary empirical assessment of the program, involving the use of a control group of freshmen of the year preceding the project and professional judgments led to conclusions including the following: (1) Tutoring appears to have a positive impact on the academic achievement of nursing students, (2) The greater the extent and/or duration of the tutoring, the greater the impact, (3) Long-term tutoring tends to benefit all ability levels; short term tutoring benefits the better students to a greater degree, (4) The source of tutors is less important than their training and supervision, (6) Program implementation requires sustained work on the part of a professional person, and (7) Tutoring increases ego strength. (JK)

VT 010 403 ED 036 651
Bottoms, Gene; Cleere, W. Ray
A One-Week Institute to Develop Objectives and Models for a Continuous Exploratory Program Related to the World of Work from Junior High Through Senior High School.(West Virginia National Conference, Carrollton, September, 1969). Final Report.

West Georgia Coll., Carrollton
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.75 HC-$8.70 OEG-0-8-080371-3541 08
BR-8-0371
Pub Date - Sep69 172p.

*CONFERENCE REPORTS; *WORK EXPERIENCE PROGRAMS; *SECONDARY SCHOOL STUDENTS; *MODELS; DIAGRAMS; BIBLIOGRAPHIES; CAREER PLANNING; *CLASSROOM GUIDANCE PROGRAMS
*WEST GEORGIA NATIONAL CONFERENCE; CARROLLTON, GEORGIA, SEPTEMBER 1969

The purpose of this conference was to develop models for conducting systematic and sequential exploratory experiences for junior and senior high school students which would lead to satisfactory job placement. The participants at the conference tried to identify behavioral objectives expected of the student as a result of the proposed program, develop a model for both large city and rural schools, and aid representatives of the various states in setting up a plan for their own states. To evaluate the meeting, a questionnaire was administered at the end of the program and participants were asked to rank the importance of 40 career development concepts. In addition a followup study was conducted to measure the extent to which the 13 states accomplished their objectives. A schedule of the conference activities and a list of the participants are appended. (BC)

TEACHERS AND TEACHER EDUCATION SECTION

VT 002 512
Training Programs for Teachers and Leaders of Gainful Employment Training Programs in Home Economics. Final Report, Part A.

Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 65 14p.

*HOME ECONOMICS EDUCATION; *HOME ECONOMICS TEACHERS; *OCCUPATIONAL HOME ECONOMICS; *CURRICULUM PLANNING

This report describes a project for the training and preparation of teachers and leaders of gainful employment programs in home economics. A summary of the participants' reactions to questions about the effectiveness of the training program, information about follow-up activities and suggestions for a 1966 training program, are also given. Thirty-two participants were enrolled in the training program. Everyone was required to take a course, entitled Education for Gainful Employment in Home Economics. Each chose another leadership training course for child care, clothing or food service workers. A variety of teaching methods, learning experiences and audio-visual materials were used. The document lists general information, special learning experiences, resource-materials, and specialists for the four courses. The evaluation summary of the 1965 program indicated that participants believed they had developed an overall viewpoint of gainful employment, that they had broader understandings of the program, and that previous training had been supplemented and up-dated. They had developed tentative curriculum materials for areas of special interest, and a plan for initiating or continuing a program. (FP)

VT 002 678
Larson, Milton E.
Institute Interest of Technical, Trade and Industrial Teachers of Colorado. Research Report No. 101.

Colorado State Univ., Fort Collins. Dept. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 10oct67 26p.

TECHNOLOGICAL ADVANCEMENT; *TEACHER IMPROVEMENT; *SUMMER INSTITUTES; *WORKSHOPS; *INTEREST; *VOCATIONAL EDUCATION TEACHERS; TRADE AND INDUSTRIAL EDUCATION

The literature of vocational education, as well as that of industry and technology, constantly emphasizes recent developments and innovations in products, processes, and concepts, which have significant implications for technical, trade, and industrial education. This study was made to secure information from the vocational educators in the fields of technical, trade, and industrial education in Colorado, concerning their needs, desires, and willingness to participate in institutes, workshops, and seminars of updating nature. The data from 231 completed survey forms were tabulated and summarized. The information submitted by the teachers and administrators indicated a high interest in updating activities and three out of four respondents were confident that arrangements could be made to attend such educational activities if offered. A 1-week institute in June or July was indicated as the most desirable arrangement. Half of the respondents desired a combination of technological subjects including hardware applications coupled with topics of pedagogy. Implications of the study strengthen the need for immediate implementation on a gradual basis. The findings provide a basis for action to meet needs of teachers in technical, trade, and industrial education in Colorado. (HC)

VT 006 426
Adult Leadership Development. A Graduate Workshop Summary Report. Agricultural and Extension Education 516: Adult Leadership Development. Resident Instruction Series No. 4.

New Mexico State Univ., University Park. Dept. of Agricultural and Extension Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - May65 152p.

*WORKSHOPS; *AGRICULTURAL EDUCATION; *EXTENSION EDUCATION; *ADULT EDUCATION; *LEADERSHIP; EXTENSION AGENTS; LEADERSHIP TRAINING; LEADERSHIP QUALITIES; ADVISORY COMMITTEES; YOUTH CLUBS
4-H CLUBS

The development of youth and adult leadership is a primary responsibility of agricultural and extension educators. To assist agricultural and extension personnel in providing leadership and direction, and in developing leadership qualities and abilities of those in their communities, a graduate workshop was held by the New Mexico State University. Contained in the workshop report are papers relating to leadership development: (1) Identifying Leadership, (2) 4-H Adult Leadership Development, (3) Leadership Development Through the Use of Advisory Committees, (4) Developing Community and County Leadership, (5) Preparing Leaders, (6) Adult Leadership Development and Education, (7) Evaluating Leadership, (8) Military Leadership, (9) Types of Leadership, and (10) Problems in 4-H and Extension. (DM)

VT 007 481
Peters, Irene; Fuller, Chester W.
Workshop Guidelines to Prepare Inservice Educators for Health-Care Agencies.

New Hampshire Research Coordinating Unit for Vocational-Technical Education, Concord
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 30p.

*GUIDELINES; *TEACHER WORKSHOPS; *NURSES AIDES; TEACHING GUIDES; HOSPITALS; NURSING HOMES; *HEALTH OCCUPATIONS EDUCATION; TEACHING METHODS; TEACHER EVALUATION; STUDENT EVALUATION

A 5-day workshop to prepare selected registered nurses to teach supportive personnel in hospitals, county homes, nursing homes, and home health agencies is outlined. Included are statements of rationale and objectives, a listing of agencies to be contacted for assistance, suggestions for scheduling and selecting a setting for the workshop, and guidelines for the workshop format. Appendixes include: (1) a sample workshop schedule, (2) materials on the "do and tell" method of teaching, principles of learning, supervision, and role play, (3) suggested plans for group discussion and demonstration of hobbies, (4) guidelines for planning and conducting a nurse aide training course, and (5) forms for evaluation of an instructor's teaching performance and of an aide's behavioral change. A bibliography is included. (JK)

VT 007 613
Thompson, John F.
A Guide for the Preparation of Resource Units for Use by Vocational Agriculture Teachers.

Wisconsin Univ., Madison. Dept. of Agricultural and Extension Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 9p.

*RESOURCE GUIDES; *AGRICULTURAL EDUCATION; *TEACHER EDUCATION; *VOCATIONAL AGRICULTURE TEACHERS; *RESOURCE UNITS; REFERENCE MATERIALS; LESSON PLANS; RESOURCE MATERIALS

Centering around a problem area and providing ideas for objectives, planning-learning activities, materials, and evaluation techniques, a resource unit should be broad in scope and contain more suggestions than will be used by one teacher in a specific teaching situation. The resource unit contains some subject matter but also contains suggestions for teaching. For a resource unit to be most helpful the following sections are needed: (1) teacher objectives, (2) principles to be taught, (3) typical questions, (4) problems of students, (5) suggested learning activities, and (6) references. The procedure for constructing a resource unit includes: (1) selecting the subject, (2) listing goals, (3) constructing teacher objectives, (4) constructing key concepts, (5) planning activities for key concepts, (6) formulating statements of typical problems of students, (7) writing objectives on separate sheets of paper, (8) identifying learning activities for each objective, (9) constructing a set of references, (10) organizing the document, and (11) editing, duplicating, and printing. (DM)

VT 008 299
Bristol, Benton K.
Directory of College and University Professional Personnel Who Teach Shop, Mechanics, or Related Courses to Agricultural Education Students.

Illinois State Univ., Normal. Dept. of Agriculture
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Feb69 26p.

*AGRICULTURAL EDUCATION; *AGRICULTURAL ENGINEERING; *DIRECTORIES; *COLLEGE TEACHERS; *TEACHER EDUCATORS; AGRICULTURAL COLLEGES

This directory, resulting from a survey of agricultural education and agricultural engineering departments of colleges and universities in the United States and Puerto Rico, includes the names of 241 individuals representing 65 institutions teaching at least one course in agricultural mechanics in 1967-68. Information is given for the individual's academic rank, highest degree attained and institution granting, department or departments in which the appointment is held, courses taught to undergraduate students, courses taught to graduate students, and in-service teacher education courses. A copy of the survey form and the accompanying instructions is included. (DM)

VT 008 825
Report by Advisory Committee on a Pilot Scheme for the Exchange of Nurse Teachers.

Northern Ireland-Canada-United States of America Nurse Teacher Exchange
MF AVAILABLE IN VT-ERIC SET.
Massachusetts General Hospital, School of Nursing, Fruit Street, Boston, Massachusetts 02114 ($1.00).
Pub Date - 63 109p.

*HEALTH OCCUPATIONS EDUCATION; *NURSING; COMPARATIVE ANALYSIS; *TEACHER EXCHANGE PROGRAMS *NORTHERN IRELAND; *CANADA

Over a 2-year period beginning November 1960, six nurse teachers were exchanged by: (1) Atkinson School of Nursing, Toronto Western Hospital, Toronto, (2) School of Nursing, Massachusetts General Hospital, Boston, and (3) School of Nursing of Royal Victoria Hospital, Belfast. Each year one nurse teacher from each school had an experience which involved each of the other schools. Information regarding the exchange experience was collected from the nurse teachers, the directories of nursing, and student nurses taught by the nurse teachers. Nurse teachers prepared reports on: (1) the orientation period, (2) the remaining 8 months in the first school, (3) the 2 months in the second school, (4) the total program, and (5) experience on return home (written as a follow-up some months after return to a position at home). The document analyzes information in terms of the nurse teacher's usefulness in the exchange situation, problems of adjustment, and differences among the schools. It was concluded that the project had been worthwhile and that it yielded information which would be of value in planning similar programs. (JK)

VT 009 395 ED 032 282
Ostrowiak, Laurie N.
Teacher-Assistant Cooperative Training; K Through 8 Grades.

Chicago Board of Education, Ill. Dept. of Vocational and Practical Arts Education
Illinois Research and Development Coordinating Unit, Springfield
EDRS PRICE MF-$0.50 HC-$3.35
Pub Date - nd 65p.

*COOPERATIVE EDUCATION; *VOCATIONAL EDUCATION; *TEACHER AIDES; *PROGRAM DESCRIPTIONS; *EXPERIMENTAL PROGRAMS; HIGH SCHOOL STUDENTS; ELEMENTARY GRADES; DIFFERENTIATED STAFFS; CURRICULUM; PROGRAM EVALUATION; PARENT ATTITUDES; TEACHER ATTITUDES; STUDENT ATTITUDES; PROGRAM EFFECTIVENESS
*CHICAGO PUBLIC SCHOOLS; SENN HIGH SCHOOL

Teacher-assistant cooperative training was introduced in the Chicago Public Schools in September 1967, as an experimental program to train high school students as classroom teaching assistants. Major program objectives were to increase the personal contact of teachers and pupils, develop a corps of competent persons at lower than professional level to become members of a teaching team, and provide job preparation which is compatible with the aspirations of those persons who relate well to children. The first year, 26 11th and 12th grade students were placed in training; the second year, 13 returned and an additional 24 students enrolled. The students spent the afternoon session in an elementary school. Some conclusions were: (1) Teachers had more time to devote to teaching, (2) Outstanding assistance was provided in many areas, (3) There was a noticeable maturing of the student-trainee, (4) Student trainees tended to make decisions on future goals, (5) Better inservice training should be organized, (6) Home Environment was shown to have little bearing on performance of the trainee, and (7) The young high school graduate interested in serving others has a definite contribution to make to the paraprofessional team headed by the fully qualified teacher. (DM)

VT 009 623 ED 034 040
Murphy, Lila Catherine
The Feasibility of Audiotape-Telephone Supervision of High School Teachers.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - 69 199p.

*HOME ECONOMICS TEACHERS; *TEACHER SUPERVISION; *TAPE RECORDINGS; TELEPHONE INSTRUCTION; CONFERENCES; PARTICIPANT SATISFACTION; RATING SCALES; INTERACTION PROCESS ANALYSIS; TEACHING SKILLS; SELF EVALUATION; TEACHER EVALUATION; *INSERVICE TEACHER EDUCATION

To determine the feasibility of using audiotape recordings of class sessions and follow-up supervisory telephone conferences in in-service teacher supervision, 16 experienced and nine inexperienced junior and senior high school home economics teachers recorded three class sessions and mailed the tapes to the supervisor. After each tape was reviewed by the supervisor, a follow-up supervisory conference was conducted by telephone. Additional data were gathered from discussions at a group conference, recorded telephone conferences, and the supervisor's records. Teachers and supervisors found the media and method acceptable, efficient, and effective. Teachers preferred the audiotape-telephone method or a combination of this method and personal contact to the supervisory school visit and rated the audiotape-telephone method as most valuable in stimulating self-evaluation. Significant differences existed between the scores of experienced and inexperienced teachers on satisfaction with the audiotape-telephone method and the ability to interact verbally with the supervisor. This Ph.D. dissertation was submitted to The Ohio State University. (JK)

VT 009 650 ED 034 843
Courtney, E. Wayne; Halfin, Harold H.
Competencies of Vocational Teachers. A Factor Analysis of the Training Needs of Teachers of Occupational Education.

Oregon State Univ., Corvallis. Dept. of Statistics
EDRS PRICE MF-$0.25 HC-$2.70
Pub Date - Aug69 52p.

*VOCATIONAL EDUCATION TEACHERS; *TEACHER EDUCATION; *TEACHER QUALIFICATIONS; *FACTOR ANALYSIS; *TEACHER EDUCATION CURRICULUM; MODELS; TRAINING OBJECTIVES; SECONDARY SCHOOL TEACHERS; QUESTIONNAIRES
VOCATIONAL EDUCATION TRAINING NEEDS INSTRUMENT; SEDGWICK'S TEACHER MODEL

To determine common training requirements of secondary-level vocational teachers, a factor analysis was made of responses by 40 randomly selected vocational teachers representing four states: Pennsylvania, Iowa, North Carolina, and New Jersey. Teacher Responses consisted of the assignment of ratings of 40 items on a Likert-type scale. Ten teachers were selected from each of the 4 states with two teachers representing each of five disciplines: vocational agriculture, home economics, trade and industry, distributive education, and business education. The verimax rotation method of factor analysis extracted a total of 14 vectors in which one or more of the 40 variables showed a factor loading of .50 or greater, One implication of such commonalities within the five disciplines is a possibility for a common core of training experience within broadly based vocational teacher education curriculums. The Vocational Education Training Needs Instrument, which was used in this study, and Sedgwick's Teacher Model are appended. (CH)

VT 009 670 ED 034 047
Hanson, Garth A.
Practicum for Simulated Methods in Office Occupation Education.

Utah State Univ., Logan. Dept. of Business Education and Office Administration
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.50 HC-$5.10 OEG-0-8-080394-3598(085) 08
BR-8-0394
Pub Date - Jun69 100p.

*SIMULATION; *OFFICE OCCUPATIONS EDUCATION; HIGH SCHOOLS; *PRACTICUMS; *BUSINESS EDUCATION TEACHERS; INSERVICE TEACHER EDUCATION
UTAH STATE UNIVERSITY

Thirty-six participants and four observers representing 34 states attended the practicum at the Utah State University campus in Logan July 8-19, 1968. The purpose was to provide high school business teachers with practical knowledge, experience, and materials for designing and operating simulated business offices in their classrooms. The practicum allowed time for participants to plan programs to be used in their home schools. One section of the report develops the following topics in relating to simulation: (1) present role, (2) purpose and background, (3) design, (4) objectives, (5) physical facility, (6) evaluation, (7) debriefings, (8) phases, (9) development, and (10) future role. The appendix presents the following papers: (1) "Simulation Principles" by Garth A. Hanson, (2) "Simulation for Poverty Area Training Programs" by Chuck Bustya, (3) "Dynamics of Education for Office Occupations" by Bruce I. Blackstone, and (4) "Educational Technology" by Harry Silberman. Some materials utilized in the simulation process are also included. (JK)

VT 009 843 ED 034 864
Miller, Texton R.
Implementing A New Concept of Supervised Practice in Vocational Agriculture; A Pilot Study in Two North Carolina Counties. Research Series No. 8.

North Carolina Univ., Raleigh. N.C. State Univ. Dept. of Agricultural Education
North Carolina Research Coordinating Unit in Occupational Education, Raleigh.
EDRS PRICE MF-$0.25 HC-$1.60
Pub Date - 67 30p.

*SUPERVISED FARM PRACTICE; *VOCATIONAL AGRICULTURE; *INSERVICE TEACHER EDUCATION; *ADOPTION (IDEAS); *PILOT PROJECTS; SECONDARY GRADES; DIFFUSION; TEACHER ATTITUDES; VOCATIONAL AGRICULTURE TEACHERS; STUDENT PROJECTS; SUPERVISORY METHODS
NORTH CAROLINA

To determine whether teachers would progress to higher adoption levels of a new concept by means of group study and to ascertain whether their students would develop improved programs of learning opportunities through supervised practice, a study was conducted involving the nine school administrators and 11 teachers of agriculture employed within Moore and Montgomery Counties in North Carolina. It was concluded that: (1) All teachers improved their ability to develop appropriate supervised practice for their students, (2) All teachers progressed to the trial stage of the adoption level in acceptance of the new concept of supervised practice, (3) There is need to develop an experimental program designed to measure the effect upon students of a comprehensive plan of teaching activities focusing on developing students' supervised practice programs, (4) Additional evidence is needed to determine whether the increased emphasis and the additional materials on supervised practice will in actuality produce an important increase in students' supervised practice activities, and (5) The area of supervised practice for off-farm agriculture should receive more concentrated attention in another similar pilot study. The new concept was based on "Improving Supervised Practice in Vocational Agriculture," (ED 013 904 or VT 001 344, ARM Spring 1968). (DM)

VT 009 853 ED 035 725
Effecting Attitudinal Changes in Industrial Arts Education. Final Report. (Dec. 1968-Oct. 1969).

American Industrial Arts Association, Washington, D.C.
Appalachian State Univ., Boone, N.C.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$4.25 OEG-09-430814-2111-725
Pub Date - 69 83p.

*INDUSTRIAL ARTS; *TEACHER ATTITUDES; *INSERVICE EDUCATION; *INSERVICE PROGRAMS; *PILOT PROJECTS; REGIONAL PROGRAMS *AMERICAN INDUSTRIAL ARTS ASSOCIATION

The project was designed to develop the procedures necessary to conduct inservice education programs cooperatively with state associations, based on the belief that classroom teachers (1) are able to plan and conduct inservice education programs designed to improve classroom instruction, and (2) are more receptive to educational change and new ideas when they originate through an educational group they control. The project was conducted in two phases: an initial planning conference of representatives from industrial arts state associations and five regional pilot programs. At the planning conference 21 states presented ideas and plans they felt could produce significant inservice education in their state. Five were chosen: (1) Technical Competencies--Colorado, (2) Student Involvement--Florida, (3) Classroom Management Competencies--Georgia, (4) Leadership Development Competencies--Oregon, and (5) Curriculum and Professional Competencies--Pennsylvania. Each of the programs is described and evaluated and recommendations are included. (GR)

VT 010 131 ED 035 744
Larson, Milton E.; Crain, William
Utilization of Competency Examinations in Vocational and Technical Education.

Colorado State Univ., Ft. Collins
Colorado Research Coordinating Unit, Ft. Collins
EDRS PRICE MF-$0.25 HC-$1.75
Pub Date - May69 33p.

*EQUIVALENCY TESTS; *OCCUPATIONAL TESTS; *VOCATIONAL EDUCATION TEACHERS; COLLEGE CREDITS; TEACHER CERTIFICATION; WORK EXPERIENCE; QUESTIONNAIRES; *NATIONAL SURVEYS
COLORADO

To assist Colorado in evaluating certification requirements, the study sought information about the utilization of competency examinations and the means by which certification is attained in the technical, trade and industrial, and business and office education services. Questionnaires were sent to the State Directors of Vocational Education in the 54 states and territories and to the individuals in charge of competency examinations in the 16 states which use such examinations. Ninety-eight percent of the questionnaires sent to directors and 89 percent of the questionnaires sent to the individuals in charge of competency examinations were returned. Some findings were: (1) 16 states administer competency examinations--all in trade and industrial, 12 in technical, two in business and office, and one in distributive education, (2) Five states have discontinued use of these examinations while seven others plan to begin their use, (3) Competency examinations were used for allowing college credit by 12 states and for credentialing by eight states, (4) Updating, developing, and scheduling were problems encountered, and (5) Only two respondents indicated that examination scores and years of experience were equated for certification purposes. Extensive additional data is presented in tabular form. (JK)

VT 010 189 ED 035 759
Hein, Edward C.
An Evaluation of the Preparation of the Industrial Arts Teacher Education Graduates at Colorado State University, 1957 through 1967.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - 69 227p.

*INDUSTRIAL ARTS; DOCTORAL THESES; BIBLIOGRAPHIES; *GRADUATE SURVEYS; *TEACHER EDUCATION; TEACHERS; *CURRICULUM DEVELOPMENT; COUNSELING

A questionnaire sent to 128 former industrial arts majors of Colorado State University was constructed to gather information about graduates for more effective counseling of future students and opinions concerning (1) proposed changes in the curriculum offerings for nonteaching or technical education programs, and (2) the effectiveness of their past programs. The conclusions were: (1) Industrial arts majors are typical of all other entering students, (2) Nearly one-half of all the entering students are transfer students, (3) Approximately one-third of the graduates were not teaching or had dropped out of teaching, (4) Salaries of those employed by industry are generally no higher than teacher salaries, (5) Almost one-half of the 99 (77.34 percent) who responded to the questionnaire had obtained a second higher degree, (6) Fewer graduates in this study were required to teach courses outside their major than were indicated in pervious studies, (7) Sponsoring extracurricular activities and shop maintenance appeared unchanged from previous studies, and (8) Woodworking and drawing remain the two most popular courses taken in college. This Ed.D. thesis was submitted to Colorado State College. (GR)

VT 010 191 ED 036 630
Wolansky, William D.
An Identification of Fluid Power Instructional Goals and Content for Industrial Education Teacher Preparation.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - 68 320p.

*INDUSTRIAL EDUCATION; DOCTORAL THESES; BIBLIOGRAPHIES; *FLUID POWER EDUCATION; POWER MECHANICS; INDUSTRY; *TEACHER EDUCATION CURRICULUM; TEACHER PROGRAMS; QUESTIONNAIRES; *COURSE ORGANIZATION; SURVEYS

This study, designed to determine the appropriate goals and to identify, codify, and outline the core content for the industrial education teacher preparation in fluid power instruction, has the following four objectives: (1) to determine the specific and appropriate goals for the preparation of industrial education teachers to teach fluid power at the secondary and post-secondary school level, (2) to identify and formulate a framework of the major divisions of the content of fluid power, (3) to identify the technical core content through survey and analysis of the literature and to develop an instrument to facilitate the further development and evaluation of proposed units, and (4) to develop an organizational pattern for the selection and codification of titles for units of a model program. A jury, fluid power specialists, and a consulting committee were used for evaluation of various phases of the study. Seven conclusions based on a synthesis of the findings are included along with several observations and recommendations. This Ed.D. thesis was submitted to Wayne State University. (GR)

VT 010 401 ED 036 649
Klaurens, Mary K.
Occupational Experience and Career Development Training for Distributive Educators and Vocational Counselors. Final Report.

Minnesota Univ., Minneapolis. Coll. of Education
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.50 HC-$4.45 OEG-0-8-080273-3322(085) 08
BR-8-0273
Pub Date - Oct69 87p.

*DISTRIBUTIVE EDUCATION TEACHERS; *COUNSELORS; *INSTITUTES (TRAINING PROGRAMS); RECORDS (FORMS); PROGRAM EVALUATION; BIBLIOGRAPHIES
MINNESOTA

A seminar program was held during the summer of 1968 at the University of Minnesota to improve the preparation of vocational counselors and distributive educators in helping students in career development and occupational adjustment. A total of 36 counselors and educators who had at least 1 year of experience were selected for the project. They participated in a variety of activities during the 6-week project which included human relations training, directed occupational experience at a local firm, lectures, seminars, and materials development in small groups. The participants evaluated the human relations training lab and the directed occupational experience as the most useful part of the program. (BC)

TEACHING AND LEARNING SECTION

VT 004 352
Marengo Experimental Vocational Program.

Community High School, Marengo, Ill.
MF AVAILABLE IN VT-ERIC SET.
Project No. 6052-A6
Pub Date - nd 81p.

PROGRAM EVALUATION; SECONDARY GRADES; *PROGRAM DESCRIPTIONS; *EXPERIMENTAL PROGRAMS; *WORK EXPERIENCE PROGRAMS; DROPOUT PREVENTION; STUDENT ATTITUDES; SELF CONCEPT; *OCCUPATIONAL GUIDANCE; *EDUCATIONALLY DISADVANTAGED

The Marengo Experimental Program provides educational program for the underachieving student with dropout characteristics. The value of the program lies in the degree to which these students are made to want to succeed. The program consists of: (1) Learning Laboratory Core emphasizing reading, speaking, mathematics, and occupational guidance, and (2) Vocational Work Experience Core in which the student gains vocational skills. Observation was used to evaluate the progress made by the 19 students (ninth grade level) included in the program. General conclusions were: (1) The individual's self-concept was improved, (2) The program succeeded in proving to the students that they can learn, (3) In unstructured interviews, the students expressed feelings of accomplishments, (4) As a result of their work experience, they now feel they can learn needed job skills. Plans are to continue the program at the ninth grade level and extend it into the tenth grade. Course outlines are included. (MM)

VT 005 149
A New Look at the Why and the How of Clinical Laboratory Experiences: Report of the Regional Workshops of the Council of Member Agencies of the Department of Diploma and Associate Degree Programs (1963).

National League for Nursing, New York, N.Y. Dept. of Diploma and Associate Degree Programs
MF AVAILABLE IN VT-ERIC SET.
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($1.00).
Pub Date - 64 32p.

*CLINICAL EXPERIENCE; *WORKSHOPS; *HEALTH OCCUPATIONS EDUCATION; *NURSING; FACULTY; HEALTH PERSONNEL

Thirty-three guests and 1,088 representatives of 574 member agencies attended the regional workshops in Des Moines, Chicago, Pittsburgh, Boston, Dallas, and Portland, in November, 1963. The workshops aimed at assisting instructors to: (1) plan meaningful clinical experiences, (2) clarify relationships of these experiences to course objectives, and (3) plan experiences to prepare the new graduate to function as a beginning general duty nurse. "The Role of the New General Duty Nurse in Meeting Today's Needs in Hospital Nursing Services," a paper prepared cooperatively by League staff members, Evelyn Zetter, Angela Coletti, and Mary Ellen Warstler, was presented by one of the three at each meeting. Elaine Dominowski and Grace Dowline both prepared papers on "Effective Utilization of the Clinical Laboratory," one of which was presented at each meeting to give direction to general sessions and group work. Nursing functions related to patient care plan, nonprofessional nursing personnel, patient education and rehabilitation, cooperation with other personnel, and the liaison role with patient, family, physician, hospital personnel, and community agencies were selected for discussion. Implications for future action at home were identified as faculty responsibilities, nursing service responsibilities, and cooperative responsibilities for faculty and nursing service. (JK)

VT 006 414
Flug, Eugene Roy Frank
An Experimental Evaluation of Selected Presentation Modes in the Self-Instruction of a Manipulative Industrial Arts Learning Task.

Minnesota Univ., Minneapolis
DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106 (68-7312, microfilm $3.00, xeroxed $8.20).
Pub Date - Dec67 176p.

*INDUSTRIAL ARTS; DOCTORAL THESES; GRADE 7; *FILMSTRIPS; *SOUND FILMS; MALES; TRANSPARENCIES; COST EFFECTIVENESS; *EXPERIMENTAL TEACHING; *AUTOINSTRUCTIONAL AIDS; INSTRUCTIONAL MEDIA; EVALUATION
AMERICAN INDUSTRY PROJECT

The threefold purpose was to determine the relative effectiveness of selected audiovisual presentation modes, to use the results in making a production decision about self-instructional media in the American Industry Project, and to determine the nature of student-media interactions in a manipulative learning task. Forty seventh-grade boys, all naive regarding the manipulative task, were selected from a comprehensive high school chosen from the 17 schools participating in the American Industry Project. The design was a post test only, crossed-classification factorial design, incorporating two visual modes of presentation (35mm slides, 8mm loop film), two aural modes (sound, no sound), and two ability levels. The student, nested in an individual treatment cell, was to fasten two pieces of prepunched pieces of aluminum together by hand riveting. Significant main effects were due to ability and significant interaction was found between visual modes and ability levels. A cost advantage of 49.5 percent was determined for 35mm sound slides over 8mm sound loop film, and slides were deemed to have production, maintenance, revision and use advantages. This Ph.D. thesis was submitted to the University of Minnesota. (EM)

VT 006 569
Program Summaries of the Annual Industrial Education Conference (12th, Stout State University, Menomonie, Wisconsin, October 15, 1965).

Stout State Univ., Menomonie, Wis.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 65 105p.

*CONFERENCE REPORTS; SPEECHES; *INDUSTRIAL ARTS; *INSTRUCTIONAL IMPROVEMENT; ACTION RESEARCH; RESEARCH UTILIZATION; FACULTY ORGANIZATION; *TRADE AND INDUSTRIAL EDUCATION; HIGH SCHOOLS; INSTRUCTIONAL INNOVATION; PROGRAMING; COMPUTERS; PUBLIC RELATIONS; STUDENT ORGANIZATIONS; PROGRAMED INSTRUCTION; TEXTBOOKS; TEACHING PROCEDURES; INFORMATION DISSEMINATION; PUBLICATIONS
*INDUSTRIAL EDUCATION CONFERENCE, MENOMONIE, WISCONSIN, OCTOBER 15, 1965

The program was developed from suggestions of persons attending previous conferences. Summaries are given of:. (1) "The 'U' in Improving Instruction" by William J. Michaels, (2) "Research and the Classroom" by Robert S. Swanson, (3) "Implementing Research" by John Furlong, (4) "Local Industrial Education Teacher Organizations" by Robert Duren, (5) "Vocational Industrial Education in the High School Curriculum" by Robert Ristau, (6) "The Conceptual Study of American Industry" by Wesley Face and Eugene Flug, (7) "Computers and Programming Simplified" by Clifford Gauthier, (8) "Submitting Articles for Publication" by Robert Phelps, (9) "Public Relations for I.E. Teachers" by Robert Rudiger, (10) "The Use of Programmed Instruction in Industrial Arts" by Armand Hofer, (11) "Student Industrial Arts Clubs" by Jack Sampson, and (12) "Textbooks, Their Use and Abuse" by Raymond Cornwell. (HC)

VT 007 349
A Study of the Comparative Teaching Efficiency of a Multi-Media Instructional System Versus the Traditional Lecture Method for Youth Who Have Academic and Socioeconomic Handicaps. Final Report.

Mount San Jacinto Coll., Gilman Hot Springs, Calif.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 17p.

*TRADE AND INDUSTRIAL EDUCATION; *MULTIMEDIA INSTRUCTION; *SLOW LEARNERS; AUDIOVISUAL INSTRUCTION; VIDEO TAPE RECORDINGS; BEHAVIORAL OBJECTIVES; *PROGRAM EVALUATION; *AUTO MECHANICS (OCCUPATION)

A multi-media instructional system was developed to compare with the typical lecture method of presentation. Automotive instructors wrote behavioral objectives for every job or operation the student was expected to know at the end of the program. Then the instructor produced or purchased from commercial sources a film strip and audio tape for the objectives best presented through this media. Concept titles and presentation media are listed in chart form for: (1) Auto Mechanics, and (2) Auto Body Technology. Steps in developing the radio visual program include writing behavior objectives, writing the script, producing story boards, writing supplementary materials, producing tape and film, and using and evaluating multi-media in the classroom. Conclusions were that the multi-media system of instruction has advantages for students with academic and socioeconomic handicaps. Instructors are freed from extensive lecture work and have more time to attend to individual learning needs. The system allows the student to set his own learning pace and reduces need for highly developed reading and study skills. (FP)

VT 007 832
Midjaas, Ruth E., And Others
Young Women in Fort Collins, Colorado. A Study of the Characteristics and Homemaking Problems, Attitudes, and Practices of Women Aged 24 to 32 in Fort Collins, Colorado. Research Report.

Colorado State Univ., Fort Collins. Dept. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec68 52p.

*HOME ECONOMICS EDUCATION; *INDIVIDUAL CHARACTERISTICS; *FEMALES; *STUDENT NEEDS; SURVEYS; *WOMENS EDUCATION; WORKING WOMEN; OPINIONS; TABLES (DATA)
FORT COLLINS; COLORADO

A pilot survey of 96 women, 24-32 years of age, was conducted to ascertain whether educational needs of young women in Fort Collins, Colorado were significantly different from those of young women in Virginia (determined from the research study, "Young Women in Virginia." Specific topics are: (1) educational, employment, and family characteristics, (2) problems in homemaking and family living, (3) attitudes toward selected aspects of homemaking, (4) homemaking practices of young women, (5) educational needs as expressed by young women, (6) differences in characteristics, homemaking problems and practices of young married women who graduated and did not graduate from high school, and (7) differences in characteristics, homemaking problems and practices of young married women who did and did not enroll in home economics while in school. A comparison of the samples from both studies showed that more of the Fort Collins women completed high school, enrolled in college home economics, had children, and were in the 9-12 thousand dollar income group. The study also showed that a high percentage of the young women studied had been employed since high school, were married, lived in single-family dwelings, kept a budget and had a savings plan. Their prime concerns were an orderly house and money management. Money management practices were not related to amount of home economics education, but discipline of children was related. The document is illustrated with charts and tables. (FP)

VT 008 225
Pantagua, Lita; Jackson, Vivian Carter
Role Play in New Careers Training; A Technique for Developing Paraprofessional-Professional Teamwork in Human Service Agencies.

New York Univ., N.Y. New Careers Training Lab.
MF AVAILABLE IN VT-ERIC SET.
New Careers Development Center, 239 East Building, New York University, New York, New York 10003 ($1.50).
Pub Date - 68 54p.

*SUBPROFESSIONALS; *TEACHING METHODS; *ROLE PLAYING; *HUMAN SERVICES; TRAINING TECHNIQUES
*NEW CAREERS

Role play, a training technique in which trainees act out the problems they may encounter in their work, is presented as an aid to the implementation of New Careers programs in human service agencies. The techniques described are based upon methods developed by the New Careers Training Laboratory (NCTL) and may be used in conjunction with "Simulation I: Store Front Staff Meeting," a video tape developed by and available from NCTL. Section I, Functions of Role Play, defines role play and explains its functions in terms of providing a protected environment for interaction, aiding group process, increasing self-knowledge, efficiently conveying job knowledge and skills, and effecting behavioral changes. Section II, How to Conduct Role Play Sessions, (1) provides guidelines for the teacher related to establishing a conducive atmosphere, assisting the group to define problem situations, choosing participants, assigning tasks to observers, initiating and terminating the role playing incident, and guiding follow-up discussion, (2) describes specific techniques used in role playing, and (3) suggests approaches to stimulating interest. (JK)

VT 008 814 ED 034 020
Tallmadge, G. Kasten, And Others
Study of Training Equipment and Individual Differences: The Effects of Subject Matter Variables. Report and Supplementary Report.

American Inst. for Research in the Behavioral Sciences, Palo Alto, Calif.
Naval Training Device Center, Orlando, Fla.
EDRS PRICE MF-$0.50 HC-$4.90
TR-NAVTRADEVCEN 67-C-0114-1
Pub Date - May68 96p.

*LEARNING PROCESSES; *INDIVIDUAL DIFFERENCES; *INDIVIDUALIZED INSTRUCTION; *MODELS; *TEACHING METHODS; INSTRUCTIONAL INNOVATION; LOGICAL THINKING; DISCRIMINATION LEARNING; COURSE CONTENT; COST EFFECTIVENESS

Two separate subject matter areas, which were felt to represent two distinct types of learning situations, were selected for investigation, namely, a kind of logico-mathematical procedure--the transportation technique, and a visual form discrimination task--aircraft recognition. Two separate courses were developed for each subject matter area. One reflected an inductive instructional approach and the other a deductive method. Each of the four courses was administered to between 55 and 60 Navy enlisted men, and 28 measures of

aptitude, interest, and personality variables were obtained on each subject. The most significant finding was the significant second order interaction among all three independent variables. The results of this study strongly support the existence of learning styles and suggests that multi-track instruction based on learning styles might be a cost-effective way of enhancing learning. In the supplementary report preliminary plans were formulated for a study to demonstrate that significant effectiveness gains can be achieved through designing training to match specific learner characteristics. (AUTHOR)

VT 009 184
Amelon, Donald James
Slide-Tape Self-Instruction Versus Traditional Group Demonstrations in Teaching College Level Metalwork.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - 69 322p.

*EVALUATION TECHNIQUES; *AUTOINSTRUCTIONAL AIDS; TEACHER EDUCATION; *DEMONSTRATIONS (EDUCATIONAL); DOCTORAL THESES; LESSON PLANS; TESTS; BIBLIOGRAPHIES; *INDUSTRIAL ARTS; *TEACHER DEVELOPED MATERIALS

The conventional group demonstration method of teaching was compared with a particular method of individual self-instruction with slides and sound tape as to student performance of operations, related information learned, student observation time, and teacher time required for individual instruction in the student performance of operations. A pre-test and a post-test were given on related information for six selected college units of instruction in bench metal and welding to measure the significant learning between the two groups on these four factors. It was concluded that in two units (gas welding and heat treatment) the demonstration group performance scores were significantly higher, while in another unit (arc welding) the slide-tape group performance scores were significantly higher. There was no significant difference in the other three units (tool sharpening, sand casting, and fastening). Neither method was found to be superior in saving teacher time for individual instruction. It was recommended that: (1) teachers examine the possibilities of using the slide-tape method of self-instruction as a time saver in individual scheduling, (2) teachers should be provided help in developing slide-tape materials, and (3) teacher education institutions should provide instruction in the development of tailor-made slide-tape programs. This D.Ed. dissertation was submitted to the University of Missouri. (JK)

VT 009 814
Barrow, Richard Wesley
A Comparison of the Achievement of Vocational Auto-Mechanics Students in First Year Day Trade with Students in First Year Industrial Cooperative Training.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - Aug69 206p.

*COMPARATIVE ANALYSIS; BIBLIOGRAPHIES; DOCTORAL THESES; *VOCATIONAL EDUCATION; *COOPERATIVE EDUCATION; *AUTO MECHANICS; TEST CONSTRUCTION; ACADEMIC ACHIEVEMENT; *TRADE AND INDUSTRIAL EDUCATION

A general automechanics test, developed by the researcher, was administered by 42 day-trade and 26 industrial-cooperative training instructors in 26 states to 646 day-trade and 111 industrial-cooperative students. The results of the instrument, administered as a pretest-post-test, were analyzed to determine the effectiveness of the training and what contribution prior courses had on achievement in first year vocational automechanics. The following conclusions were made: (1) There was a significant difference in the achievement of vocational day-trade over industrial-cooperative students, (2) Prior course experience made a difference in achievement, (3) Industrial-Cooperative students possessed greater knowledge of automechanics than day trade students at the time of entry into the course, (4) There was no difference between students in the two programs with respect to automechanics as measured by the test, (5) The similarity of mean scores does not justify recommendation of either program over the other, and (6) Industrial cooperative training teachers have more years experience in public schools than day trade teachers. This D.Ed. thesis was submitted to Texas A and M University. (GR)

VT 009 819 ED 035 722
Stuessy, Eugene L.
An Experiment to Evaluate the Relative Effectiveness of Two Approaches to Teaching College Algebra in Achieving Selected Objectives of College Algebra in Industrial Technology/Curricula.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - May69 136p.

*ALGEBRA; DOCTORAL THESES; BIBLIOGRAPHIES; *COMPARATIVE ANALYSIS; *TEACHING METHODS; *COLLEGE INSTRUCTION; INDUSTRIAL TECHNOLOGY; CURRICULUM

Two approaches to teaching college algebra were evaluated to determine their effectiveness in achieving the objectives of college algebra in the industrial technology curriculum. The null hypothesis of no significant difference in the effectiveness of the traditional approach to teaching college algebra and an experimental approach was investigated. Sixty-six students were the primary source with 10 of these constituting the entire population of the freshman industrial technology students for whom records were available. Student achievement on a series of examinations and assigned problems, and student written and oral attitudes and comments, were evaluated. The Mann-Whitney U Test and the Spearman Rank Correlation procedure were used for analysis of the data. Conclusions were: (1) The traditional approach was more effective in the development of student abilities with proofs, (2) The experimental approach was more effective in the development of student abilities with derivations, and (3) The two approaches appeared to be essentially equivalent in developing student understanding and skill in algebra. This Ed.D. dissertation was submitted to the Texas A and M University. (GR)

OTHER RESOURCES SECTION

VT 006 465
Edwards, Mabel I.
Selected References on Homemaker-Health Aide Services (An Annotated Bibliography).

Iowa Univ., Iowa City. Inst. of Gerontology
National Council for Homemaker Services, New York, N.Y.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jul66 52p.

*VISITING HOMEMAKERS; *COMPANIONS (OCCUPATION); *OCCUPATIONAL HOME ECONOMICS; *ANNOTATED BIBLIOGRAPHIES; SERVICE OCCUPATIONS; *RESOURCE MATERIALS

An annotated bibliography has been prepared for those seeking help in initiating or developing a homemaker service. Item selection criteria applied to 700 available references were: (1) date of publication, (2) availability to reader, and (3) appropriateness to the subject. Definitions for Homemaker and Homemaker-Home Health Aide Services are given. Items are listed under the categories: General References, Training Homemakers, Standards and Personnel Policies, Bibliographies, Directories, Newsletters and Bulletins, Conference Reports and Proceedings, State Programs, Program Descriptions, Professional Workers, Homemakers and Home Care Programs in Iowa, Federal Programs for Homemaker Services, Selected Publications on Federal Programs, Handbooks, Guides, and Manuals, and films, filmstrips, slides, plays, and exhibits. Organizations and training centers are also described. (FP)

VT 008 662
Source Book of Research Titles and Related Materials in Vocational-Technical Education, 1968-69. A Compilation of Acquisitions

New Jersey Occupational Research and Development Branch, Trenton
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 112p.

*INFORMATION SOURCES; *BIBLIOGRAPHIES; *VOCATIONAL EDUCATION; MICROFICHE; INDUSTRIAL INNOVATION; EDUCATIONAL INNOVATION; REFERENCE MATERIALS; EDUCATIONAL RESEARCH; RESEARCH COORDINATING UNITS; *RESOURCE MATERIALS; INFORMATION DISSEMINATION; INDEXES (LOCATERS); *LIBRARY COLLECTIONS
*NEW JERSEY OCCUPATIONAL RESEARCH AND DEVELOPMENT RESOURCE CENTER

This reference tool for vocational educator use lists professional information available on microfiche, hard copy and in "Pacesetters in Innovation" for general vocational education and the individual service areas. Content is organized according to Agricultural Education, Business and Office Education, Cooperative Education, Distributive Education, Health Occupations Education, Home Economics Education, and Industrial Education, and Manpower Training, Special Needs, Technical Education, Trade and Industrial Education, and Vocational Guidance. The document contains an author index, and appended are lists of books of special educational interest, vocational information, and urban and ghetto education, and a list of films and filmstrips. (FP)

VT 010 274 ED 036 632
Employment and Training Legislation--1968; Hearings.

Congress of the U.S., Washington, D.C. Senate Subcommittee on Employment, Manpower and Poverty
EDRS PRICE MF-$2.75 HC NOT AVAILABLE FROM EDRS.
Pub Date - 68 732p.

*FEDERAL LEGISLATION; *LABOR LAWS; *MANPOWER DEVELOPMENT; *EMPLOYMENT; *JOB TRAINING
*CONGRESSIONAL HEARINGS

Testimony from 39 witnesses who appeared before the Subcommittee on Employment, Manpower, and Poverty in 1968 is presented in this volume. In addition, statements, articles, and letters of various labor, educational, government and industrial representatives are included. Also included are three bills presented before the second session of the Ninetieth Congress, which proposed to provide employment and training opportunities for low income and unemployed persons, to provide a comprehensive manpower policy, and to extend the time limit and certain provisions of the Manpower Development and Training Act. Background information on the hearings, reports of national committees and commissions, and texts of the Manpower Development and Training Act and Title IB and D of the Economic Opportunity Act are available as VT 010 275 (also in this issue). (Not available in hard copy due to marginal legibility of original document.) (BC)

VT 010 275 ED 035 768
Employment and Training Legislation--1968; Background Information.

Congress of the U.S., Washington, D.C. Senate Subcommittee on Employment, Manpower, and Poverty
EDRS PRICE MF-$1.50 HC-$19.65
Pub Date - Apr68 391p.

*ON THE JOB TRAINING; *JOB TRAINING; EVALUATION; LABOR LEGISLATION; *MANPOWER PROGRAMS; *FEDERAL PROGRAMS; *LABOR LAWS; TABLES (DATA)
*MANPOWER DEVELOPMENT AND TRAINING ACT; MDTA; ECONOMIC OPPORTUNITY ACT; EOA; CONGRESSIONAL PROPOSALS; PRESIDENT'S STATE OF THE UNION MESSAGE

This volume supplied background information for employment and training legislation for the Committee on Labor and Public Welfare of the United States Senate for 1968. It includes: (1) excerpts from reports and recommendations of national committees and commissions on civil disorders, rural poverty, technology and automation, food and fiber, and urban coalition, (2) the complete texts of the Manpower Development and Training Act, Title I-B and D of the Economic Opportunity Act together with two articles evaluating federal manpower programs, (3) the President's proposals from his 1968 State of the Union Message and Manpower Message and Budgets, and (4) several proposals made by senators in the 90th Congress. A complete report on the 1968 hearings before the Senate Subcommittee on Employment, Manpower and Poverty is available as VT 010 274 (also in this issue). (BC)

VT 010 503 ED 036 658
Crockett, Thompson S.
Law Enforcement Education; A Survey and Discussion of Law Enforcement Education in the United States.

International Association of Chiefs of Police, Inc., Washington, D.C. Professional Standards Div.
EDRS PRICE MF-$1.00 HC NOT AVAILABLE FROM EDRS.
International Association of Chiefs of Police, 1319 18th Street, N.W., Washington, D.C. 20036 ($3.00).
Pub Date - 68 238p.

*LAW ENFORCEMENT; *SURVEYS; *EDUCATION; QUESTIONNAIRES; *COLLEGES; TABLES (DATA); CURRICULUM; STATISTICAL DATA

To collect and disseminate information concerning law enforcement education in the United States, questionnaires were mailed to 362 colleges and universities with 257 returning the forms. A total of 261 law enforcement programs were offered at 234 separate educational institutions, with 199 associate, 44 baccalaureate, 13 master's, and 5 doctorate degree programs offered. Ten states did not provide any degree programs at their colleges and universities. The number of law enforcement programs increased 306 percent from 1961 to 1968 and enrollment in the programs rose 147 percent from 1964 to 1967. For the purpose of this study, schools were considered to have law enforcement programs if they offered professional courses providing a reasonably complete core of knowledge in the area of law enforcement or police functions. (BC)

VT 011 173 (See Aug '70 RIE)
Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$1.25 HC-$16.20
ERIC Clearinghouse for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 (quarterly--Fall, Winter, Spring, Summer, $9.00 per year).
Pub Date - 70 322p.

*ANNOTATED BIBLIOGRAPHIES; INFORMATION DISSEMINATION; INDEXES (LOCATERS); *EDUCATIONAL RESEARCH; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; CLEARINGHOUSES; RESOURCE MATERIALS

This quarterly publication announces the availability of documents acquired and processed by the Educational Resources Information Center (ERIC) Clearinghouse on Vocational and Technical Education. It contains abstracts of research and other materials which are useful to researchers, supervisors, teacher educators, education specialists, administrators, teachers, and others who have an interest in vocational and technical education. The abstracts are organized by topical groupings: (1) Administration and Supervision, (2) Curriculum, (3) Employment and Occupations, (4) Evaluation and Measurements, (5) Facilities and Equipment, (6) Historical Studies, (7) Individuals with Special Needs, (8) Philosophy and Objectives, (9) Research Design, Development and Utilization, (10) Students, Occupational Guidance and Other Student Personnel Services, (11) Teachers and Teacher Education, (12) Teaching and Learning, and (13) Other Resources. Indexes provide the approach to the abstracts by (1) personal and institutional authors, (2) document accession number with a table showing ED numbers for documents available through the ERIC Document Reproduction Service, (3) Vocational and Supporting services, and (4) subjects. Documents which do not have an individual ED number are available in a separate microfiche set from the ERIC Document Reproduction Service (VT 011 200) also in this issue . (CD)

VT 011 200 (See Aug '70 RIE)
Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$68.75 HC NOT AVAILABLE FROM EDRS.
Pub Date - 70 19,227p.

*INDEXES (LOCATERS); *EDUCATIONAL RESEARCH; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; CLEARINGHOUSES; RESOURCE MATERIALS; *ANNOTATED BIBLIOGRAPHIES; INFORMATION DISSEMINATION

Documents announced with VT numbers only in the Spring 1970 issue (VT 011 173, also in this issue) of "Abstracts of Research and Related Materials in Vocational and Technical Education" (ARM) are included in this microfiche set. Microfiche availability for these documents is shown in the ARM resume as MF AVAILABLE IN VT-ERIC SET. The microfiche set is arranged in the following sequence: (1) a Vocational Technical (VT) number index to documents in the microfiche collection, (2) the author index, the vocational and supporting services index, and the subject index from ARM, and (3) the full text of documents listed in the VT number index. The texts are filmed continuously in VT number sequence. (CD)

INDEXES

SUBJECT AND IDENTIFIER INDEX

PAGE

ABSTRACTS
VT 007 309 808
Abstracts of Research in Agricultural Education 1965-66.
VT 010 149 ED 032 576 815
Six Years of Rehabilitation Research: Studies of Personnel in Health Related Professions, Client Motivation, and Research Utilization.
VT 010 295 ED 036 635 816
Summaries of Studies in Agricultural Education, Pacific Region, 1968-69. An Annotated Bibliography of Studies in Agricultural Education.
VT 010 322 ED 036 642 818
Summaries of Studies in Agricultural Education, Central Region 1968-69. An Annotated Bibliography of Studies in Agricultural Education.
VT 010 328 ED 036 644 818
Abstracts of Research Studies in Agricultural Education Completed in 1968-69 in the North Atlantic Region.

ACCREDITATION (INSTITUTIONS)
VT 009 231 822
Education for Nursing--the Diploma Way.
VT 009 232 822
College Education: Key to a Professional Career in Nursing.

ADMINISTRATIVE POLICY
VT 006 348 750
Practical Nurse Education Program Practices in Connecticut Vocational-Technical Schools.
VT 008 659 809
Support for Research and Development of Innovative Approaches to Vocational Education.

ADMINISTRATIVE PROBLEMS
VT 009 839 ED 034 863 758
Profiles of Trade and Technical Leaders: Comprehensive Report.

ADMINISTRATOR ATTITUDES
VT 007 693 753
Survey to Assess the Needs of Post-Secondary Vocational Training in the Western Half of New York State.
VT 008 739 804
Determining Group Perceptions of Vocational School Characteristics.

ADMINISTRATOR BACKGROUND
VT 009 839 ED 034 863 758
Profiles of Trade and Technical Leaders: Comprehensive Report.

PAGE

ADMINISTRATOR CHARACTERISTICS
VT 009 839 ED 034 863 758
Profiles of Trade and Technical Leaders: Comprehensive Report.

ADOPTION (IDEAS)
VT 009 843 ED 034 864 828
Implementing a New Concept of Supervised Practice in Vocational Agriculture.

ADULT CHARACTERISTICS
VT 006 506 784
Ability of a Value Inventory to Discriminate Among Homemakers with Different Characteristics.

ADULT EDUCATION
VT 006 426 826
Adult Leadership Development. A Graduate Workshop Summary Report.
VT 009 491 ED 033 232 764
DCVR Projects Related to Adult Education, and Projects Related Wholly or Partially to Office and Distributive Occupations, July 1, 1964-June 30, 1969.

ADULT FARMER EDUCATION
VT 010 098 ED 034 894 788
Attitudes Toward Entreprenedrial Behavior and Education--Their Relationship to Instruction.

ADULT VOCATIONAL EDUCATION
VT 001 343 766
Continuing Employment Through Training.
VT 003 901 793
Graduates of the Norfolk Project.
VT 004 904 794
An Evaluation Follow-Up Study of the JOC Experimental Demonstration Project for the Communities of Denver and Pueblo, Colorado.
VT 008 743 797
Administration and Effectiveness of Work Experience and Training Project in Kent County, Michigan.
VT 009 764 ED 035 718 758
Guidelines for Program Development and Evaluation; Vocational Diploma, Associate Degree.

ADULTS
VT 007 340 771
Perception of Job Opportunities Among Low-Income Groups in Missouri.

ADVISORY COMMITTEES
VT 007 659 753
Report and Recommendations of the State Advisory Committee for Development of Vocational Education in Idaho Public Secondary Schools.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 007 829 ED 036 612 785
Use of Industry-Advisory Committees as a Technique for Evaluating Vocational and Technical Education Programs.

VT 007 869 754
Progress Report of the Governor's Committee on Vocational-Technical Education.

AEROSPACE INDUSTRY
VT 004 909 ED 034 841 767
Geographical and Occupational Mobility of Workers in the Aircraft and Electronics Industries, Regional Trade Union Seminar, 1966.

AGENCY ROLE
VT 009 654 ED 034 045 805
Vocational Education and Manpower Training. Report of a National Legislative Seminar, 1969.

AGRICULTURAL EDUCATION
VT 006 426 826
Adult Leadership Development. A Graduate Workshop Summary Report.

VT 007 309 808
Abstracts of Research in Agricultural Education 1965-66.

VT 007 613 826
A Guide for the Preparation of Resource Units for Use by Vocational Agriculture Teachers.

VT 007 843 808
Research in Programs in Agricultural Education.

VT 007 930 809
Research Studies in Programs in Agricultural Education in the North Atlantic Region, 1968-69.

VT 008 299 827
Directory of College and University Professional Personnel Who Teach Shop, Mechanics, or Related Courses to Agricultural Education Students.

VT 008 603 763
Annual Central Regional Research Conference in Agricultural Education. 1967.

VT 009 767 ED 034 846 822
Technical Education Curriculums in Agriculture and Natural Resources in the United States of America.

VT 010 230 ED 035 762 816
Research Related to the Disadvantaged and Research Strategies for the Seventies.

VT 010 295 ED 036 635 816
Summaries of Studies in Agricultural Education, Pacific Region, 1968-69. An Annotated Bibliography of Studies in Agricultural Education.

PAGE

VT 010 322 ED 036 642 818
Summaries of Studies in Agricultural Education, Central Region 1968-69. An Annotated Bibliography of Studies in Agricultural Education.

VT 010 328 ED 036 644 818
Abstracts of Research Studies in Agricultural Education Completed in 1968-69 in the North Atlantic Region.

AGRICULTURAL ENGINEERING
VT 008 299 827
Directory of College and University Professional Personnel Who Teach Shop, Mechanics, or Related Courses to Agricultural Education Students.

AGRICULTURAL MACHINERY OCCUPATIONS
VT 010 370 ED 036 645 781
Composite Profiles of Agricultural Machinery Service Occupations.

AGRICULTURAL OCCUPATIONS
VT 007 980 804
Vocational Agriculture Course Objectives and Occupational Work Experience.

ALGEBRA
VT 009 819 ED 035 722 834
An Experiment to Evaluate the Relative Effectiveness of Two Approaches to Teaching College Algebra in Achieving Selected Objectives of College Algebra in Industrial Technology/Curricula.

AMERICAN ASSOCIATION OF DENTAL SCHOOLS
VT 007 274 752
Memorandum on the Association's Role and Function in the Training of Auxiliary Personnel.

AMERICAN INDUSTRIAL ARTS ASSOCIATION
VT 009 853 ED 035 725 828
Effecting Attitudinal Changes in Industrial Arts Education.

AMERICAN INDUSTRIAL TECHNICAL EDUCATION CONFERENCE, COLUMBUS, OHIO, JUNE 20-21, 1967
VT 006 123 749
Proceedings of the Annual American Industrial-Technical Education Conference. 1967.

AMERICAN SOCIETY FOR ENGINEERING EDUCATION, UNIVERSITY OF CALIFORNIA, LOS ANGELES, JUNE 17-20, 1968
VT 007 247 804
The Role of the University in Community College Technical Education.

SUBJECT AND IDENTIFIER INDEX

		PAGE
ANNOTATED BIBLIOGRAPHIES		
VT 006 325		750
Homemaker Services--History and Bibliography.		
VT 006 331	ED 034 017	768
Moonlighters in a Tight Labor Market.		
VT 006 465		836
Selected References on Homemaker-Health Aide Services.		
VT 007 234		752
Statutes Concerning Joint Vocational School Districts.		
VT 008 568		797
Annotated Bibliography of Literature Related to Industrial Arts for the Mentally Retarded.		
VT 009 627	ED 034 041	800
A Selected Bibliography on Training in Correctional Institutions.		
VT 009 936	ED 035 732	802
An Annotated Bibliography on the Employment of Disadvantaged Youth, 1960-1966.		
VT 010 295	ED 036 635	816
Summaries of Studies in Agricultural Education, Pacific Region, 1968-69. An Annotated Bibliography of Studies in Agricultural Education.		
VT 010 322	ED 036 642	818
Summaries of Studies in Agricultural Education, Central Region 1968-69. An Annotated Bibliography of Studies in Agricultural Education.		
VT 010 328	ED 036 644	818
Abstracts of Research Studies in Agricultural Education Completed in 1968-69 in the North Atlantic Region.		
VT 011 173	(See Aug '70 RIE)	837
Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.		
VT 011 200	(See Aug '70 RIE)	837
Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.		
ANNUAL CONFERENCE ON INDUSTRIAL EDUCATION, SACRAMENTO, CALIFORNIA, MARCH 14-16, 1967		
VT 002 214		746
Report of the Annual Conference on Industrial Education. 1967.		
ANNUAL CONVENTION OF THE NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY, FRESNO, CALIFORNIA, OCTOBER, 1967		
VT 010 316	ED 036 640	781
Mental Health Manpower and the Psychiatric Technician.		
ANNUAL REPORTS		
VT 002 428		746
1967--Year of Decision (5th Annual Report).		
APPRENTICESHIPS		
VT 003 595		767
Opportunities in Apprenticeship and Skilled Trades in Iowa.		
VT 004 803		748
National Painting and Decorating Apprenticeship and Training Stanards.		
AREA VOCATIONAL SCHOOLS		
VT 008 244		796
Vocational-Technical Education Brings Success to These Tennesseans. Volumes I and II.		
VT 009 169		763
Directory of Courses Offered in Area Vocational-Technical Schools.		
ARTICULATION (PROGRAM)		
VT 008 514		757
Allied Health Education.		
ASSOCIATE DEGREES		
VT 007 654		753
Statutes Concerning Technical Institutes and Community Colleges.		
VT 008 176		756
Feasibility Study for Aviation Programs.		
ASSOCIATION TESTS		
VT 009 260	ED 034 023	763
Testing an Empirical Procedure for Identifying Technical Associative Conceptual Structure: Discriminating Between Workmen Within and Between Two Occupations.		
ATTITUDES		
VT 010 098	ED 034 894	788
Attitudes Toward Entreprenedrial Behavior and Education--Their Relationship to Instruction.		
AUTO INDUSTRY		
VT 003 974		767
Technological Change and Employment in the Automotive Industry.		
AUTO MECHANICS		
VT 009 814		834
A Comparison of the Achievement of Vocational Auto-Mechanics Students in First Year Day Trade with Students in First Year Industrial Cooperative Training.		
AUTO MECHANICS (OCCUPATION)		
VT 007 258		784
Analyzing Vocational Competencies in Auto Mechanics.		

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 007 349 833
A Study of the Comparative Teaching Efficiency of a Multi-Media Instructional System Versus the Traditional Lecture Method for Youth Who Have Academic and Socioeconomic Handicaps.

AUTOINSTRUCTIONAL AIDS
VT 006 414 832
An Experimental Evaluation of Selected Presentation Modes in the Self-Instruction of a Manipulative Industrial Arts Learning Task.
VT 009 184 834
Slide-Tape Self-Instruction Versus Traditional Group Demonstrations in Teaching College Level Metalwork.

AUTOMATION
VT 006 158 768
Computers on the Factory Floor--A Layoff Study.
VT 010 086 ED 035 741 780
Technical Report on Occupations in Numerically Controlled Metal-Cutting Machining.

AVIATION TECHNOLOGY
VT 008 176 756
Feasibility Study for Aviation Programs.
VT 008 972 763
Report of States' Aviation Education Programs.

BIBLIOGRAPHIES
VT 007 155 769
Bibliography of Industrial Relations in Latin America.
VT 007 843 808
Research in Programs in Agricultural Education.
VT 007 930 809
Research Studies in Programs in Agricultural Education in the North Atlantic Region, 1968-69.
VT 008 543 ED 036 615 796
Selected Bibliography of Books, Pamphlets, Periodicals, and Curriculum Guides in Work Study for the Educable Retarded.
VT 008 662 836
Source Book of Research Titles and Related Materials in Vocational-Technical Education, 1968-69.
VT 009 491 ED 033 232 764
DCVR Projects Related to Adult Education, and Projects Related Wholly or Partially to Office and Distributive Occupations, July 1, 1964-June 30, 1969.
VT 009 646 ED 034 043 779
Manpower Management in Canada: A Selected Bibliography.
VT 009 748 ED 034 060 810
Research Visibility: Comprehensive Planning.

PAGE

VT 009 752 ED 034 061 810
Intensive Training for Job Entry Skills: A Selected Bibliography for Use in Program Development.
VT 009 753 ED 034 062 810
Work Experience for Broadening Occupational Offerings: A Selected Bibliography for Use in Program Development.
VT 009 979 ED 034 882 823
Research Visibility: Guidance and New Careers.
VT 010 304 ED 036 638 817
Review and Synthesis of Research in Trade and Industrial Education. Second Edition.
VT 010 306 ED 036 639 817
Review and Synthesis of Research in Technical Education. Second Edition.
VT 010 317 ED 036 641 817
Research Visibility: Vocational Education Curriculum.

BUSINESS EDUCATION
VT 007 561 ED 034 018 762
Data Processing Education in the Schools of Pennsylvania, 1967-1968.

BUSINESS EDUCATION TEACHERS
VT 009 670 ED 034 047 828
Practicum for Simulated Methods in Office Occupations Education.

CANADA
VT 002 429 766
Organized Training in Four Industry Groups, 1965.
VT 008 825 827
Report by Advisory Committee on a Pilot Scheme for the Exchange of Nurse Teachers.
VT 009 646 ED 034 043 779
Manpower Management in Canada; A Selected Bibliography.

CAREER CHOICE
VT 007 293 ED 024 081 821
Concepts of Career Fields Held by Eleventh Grade Students.

CAREER OPPORTUNITIES
VT 007 191 770
Nursing Careers Among the American Indians.

CAREER PLANNING
VT 007 293 ED 024 081 821
Concepts of Career Fields Held by Eleventh Grade Students.
VT 007 295 796
Career-Oriented Training.

CAREERS
VT 007 293 ED 024 081 821
Concepts of Career Fields Held by Eleventh Grade Students.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 008 132 774
Occupational Therapy--A New Lift for the Disabled.

CASE HISTORIES
VT 006 694 769
Manpower Planning for Technological Change.

CASE STUDIES (EDUCATION)
VT 004 837 794
They Return to Work. The Job Adjustment of Psychiatrically Disabled Veterans of World War II and Korean Conflict.

CATALOGS
VT 010 180 ED 036 629 815
Manpower Research Projects Sponsored by the U.S. Department of Labor, Manpower Administration Through June 30, 1969.

CENSUS FIGURES
VT 003 433 766
Women Workers in Illinois.

CENTRAL REGIONAL RESEARCH CONFERENCE IN AGRICULTURAL EDUCATION, COLUMBUS, OHIO, AUGUST 1-3, 1967
VT 008 603 763
Annual Central Regional Research Conference in Agricultural Education. 1967.

CENTRAL REGIONAL RESEARCH CONFERENCE IN AGRICULTURAL EDUCATION, URBANA, ILLINOIS, JULY 29-31, 1969
VT 010 230 ED 035 762 816
Research Related to the Disadvantaged and Research Strategies for the Seventies.

CERTIFICATION
VT 002 216 746
Statistical Information on the Registration and Education of Professional and Practical Nurses.
VT 009 750 ED 034 844 758
Report of a National Study of Cytotechnologists: Education and Performance Relationships.
VT 009 909 ED 034 871 780
Occupational Licensing and the Supply of Nonprofessional Manpower.

CHICAGO PUBLIC SCHOOLS
VT 009 395 ED 032 282 827
Teacher-Assistant Cooperative Training; K Through 8 Grades.

CHILD LABOR
VT 009 519 ED 034 026 799
Working Children.

CHILD LABOR LAWS
VT 009 519 ED 034 026 799
Working Children.

PAGE

CHILDREN
VT 009 820 ED 034 858 801
An Experimental Study to Determine Success of Performance with Selected Woodworking Hand Tools by Children with Specific Learning Handicaps.

CITY PLANNING
VT 009 944 ED 036 623 760
The Urban Planner in Health Planning.

CIVIL ENGINEERING TECHNOLOGY
VT 004 015 762
Civil Engineering Technology.

CIVIL RIGHTS
VT 008 897 ED 032 409 798
The Legal Challenge to Corrections: Implications for Manpower and Training.
VT 008 898 799
The Legal Challenge to Corrections: Implications for Manpower and Training. Summary.

CLASSIFICATION
VT 009 587 ED 034 036 778
International Standard Classification of Occupations.

CLASSROOM GUIDANCE PROGRAMS
VT 010 403 ED 036 651 824
A One-Week Institute to Develop Objectives and Models for a Continuous Exploratory Program Related to the World of Work from Junior High Through Senior High School.

CLEVELAND
VT 008 092 796
Unemployed Out-of-School Youth Survey.

CLINICAL EXPERIENCE
VT 005 149 832
A New Look at the Why and the How of Clinical Laboratory Experiences.

COBB-DOUGLAS FUNCTION
VT 010 099 ED 034 895 788
Education and Economic Growth in Iowa.

COLLEGE COOPERATION
VT 008 852 798
The University and Corrections: Potential for Collaborative Relationships.
VT 008 853 798
The University and Corrections: Potential for Collaborative Relationships. Summary.

SUBJECT AND IDENTIFIER INDEX

PAGE

COLLEGE INSTRUCTION
VT 009 819 ED 035 722 834
An Experiment to Evaluate the Relative Effectiveness of Two Approaches to Teaching College Algebra in Achieving Selected Objectives of College Algebra in Industrial Technology/Curricula.

COLLEGE PROGRAMS
VT 008 669 822
Putting the Pieces Together. An Inventory of Occupational Training.

COLLEGE TEACHERS
VT 008 299 827
Directory of College and University Professional Personnel Who Teach Shop, Mechanics, or Related Courses to Agricultural Education Students.

COLLEGES
VT 010 503 ED 036 658 836
Law Enforcement Education.

COLORADO SPRINGS
VT 008 903 786
Opinions of Ninth and Twelfth Grade Girls and Young Homemakers as to Knowledge and Competencies Needed for Roles as Homemakers.

COMMUNITY ACTION AGENCY
VT 009 759 ED 035 717 801
Employment Programs for the Poor. A Community Action Agency Manpower Guidebook.

COMMUNITY COLLEGES
VT 001 669 746
A Guide for the Establishment of Comprehensive Community Collegesin North Carolina.
VT 006 165 749
Public Information to Assist in Recruitment for Occupational Programs.
VT 007 137 751
Cooperative-Distributive Education, An Alternate Semester Program.
VT 007 247 804
The Role of the University in Community College Technical EduCation.
VT 007 654 753
Statutes Concerning Technical Institutes and Community Colleges.
VT 008 176 756
Feasibility Study for Aviation Programs.
VT 008 669 822
Putting the Pieces Together. An Inventory of Occupational Training.

COMMUNITY HEALTH SERVICES
VT 008 065 773
New Careers Potentials in Health: Beyond the Hospital.

PAGE

COMMUNITY INVOLVEMENT
VT 007 410 752
What Is the Responsibility of Business in Modernizing Education?.

COMMUNITY SERVICE PROGRAMS
VT 007 231 795
Final Report and Evaluation of the Women's Talent Corps New Careers Program 1966-67.
VT 008 088 755
New Approaches to Homemaker Service.
VT 008 131 755
Homemaker Services for Families and Individuals.

COMMUNITY SERVICES
VT 001 231 792
New Careers and Model Cities: A Partnership for Human Renewal.
VT 006 166 749
Potentials of a Centralized Community Homemaker Service.
VT 007 295 796
Career-Oriented Training.

COMMUNITY STUDY
VT 001 669 746
A Guide for the Establishment of Comprehensive Community Collegesin North Carolina.

COMMUNITY SURVEYS
VT 002 440 747
Montcalm County Vocational-Technical Education Study.
VT 007 809 772
Student Interest and Employment Opportunities in the Field of Ornamental Horticulture in Pickens County, South Carolina.
VT 008 092 796
Unemployed Out-of-School Youth Survey.
VT 009 256 799
Background and Economic Status of Unemployed Negroes of Tampa, Florida and Their Opinions Regarding Training, Retraining, and Relocation for Work.

COMPANIONS (OCCUPATION)
VT 006 413 751
Homemaker Home Health Aide-Services for Families with a Mentally Retarded Member.
VT 006 465 836
Selected References on Homemaker-Health Aide Services.

COMPARATIVE ANALYSIS
VT 009 814 834
A Comparison of the Achievement of Vocational Auto-Mechanics Students in First Year Day Trade with Students in First Year Industrial Cooperative Training.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 009 816 ED 034 857 801
A Study of Industrial Arts Activities for Educable Mentally Retarded Junior High School Youth.
VT 009 819 ED 035 722 834
An Experiment to Evaluate the Relative Effectiveness of Two Approaches to Teaching College Algebra in Achieving Selected Objectives of College Algebra in Industrial Technology/Curricula.
VT 010 370 ED 036 645 781
Composite Profiles of Agricultural Machinery Service Occupations.

CONCEPT FORMATION
VT 007 293 ED 024 081 821
Concepts of Career Fields Held by Eleventh Grade Students.

CONFERENCE OF SCHOOLS AND INDUSTRY FROM SIXTH FORM TO INDUSTRY, CAMBRIDGE, ENGLAND, JUNE 27-29, 1963
VT 006 402 751
From Sixth Form to Industry; Report of a Conference of Schools and Industry,

CONFERENCE ON INDUSTRIAL EDUCATION, SACRAMENTO, CALIFORNIA, MARCH, 1967
VT 004 393 748
Preliminary Reports of the Committee (29th Annual Conference on Industrial Education, 1967.

CONFERENCE ON THE COUNCIL OF MEMBER AGENCIES OF THE DEPARTMENT OF PRACTICAL NURSING PROGRAMS, CHICAGO, MAY 5-6, 1966
T 005 153 ED 036 607 762
The Application of Criteria in Practical Nursing Programs: Papers Presented at the Conference of the Council of Member Agencies of the Department of Practical Nursing Programs. 1966.

CONFERENCE REPORTS
VT 002 214 746
Report of the Annual Conference on Industrial Education. 1967.
VT 002 664 747
Seminar on Problems of Manpower Planning, Development, Utilization, Distribution and Administration, 1963.
VT 003 723 793
Amendments to the Vocational Rehabilitation Act. Hearings. 1967.
VT 004 393 748
Preliminary Reports of the Committee (29th Annual Conference on Industrial Education, 1967.
VT 004 401 748
Research Approaches to the Initiation of New Vocational-TechnicalPrograms; Conference, 1966.

PAGE

VT 004 954 ED 036 606 794
Vocational Rehabilitation Act Amendments of 1968. Hearings. 1968.
VT 006 123 749
Proceedings of the Annual American Industrial-Technical Education Conference. 1967.
VT 006 402 751
From Sixth Form to Industry; Report of a Conference of Schools and Industry,
VT 006 568 751
Program Summaries of the Annual Industrial Education Conference. 1966.
VT 006 569 832
Program Summaries of the Annual Industrial Education Conference, 1965.
VT 007 192 795
Minutes. Annual Meeting, 1967.
VT 007 586 808
Research Utilization. Report of a Conference. 1968.
VT 007 770 ED 029 100 796
Offenders as a Correctional Manpower Resource. Report of a SeminaR (Washington, D.C., March 7-8, 1968)..
VT 008 603 763
Annual Central Regional Research Conference in Agricultural Education. 1967.
VT 008 836 ED 036 617 797
Research in Correctional Rehabilitation.
VT 008 837 797
Research in Correctional Rehabilitation. Summary.
VT 009 542 ED 034 029 800
Manpower for Correctional Rehabilitation in the South.
VT 009 654 ED 034 045 805
Vocational Education and Manpower Training. Report of a National Legislative Seminar, 1969.
VT 009 805 ED 035 720 812
A Plan for Research in Distributive Education; Report of a Research Planning Seminar.
VT 009 842 ED 035 724 758
Second National Leadership Development Seminar for State Directors of Vocational Education.
VT 009 845 ED 034 865 779
Manpower Conference for the Health Related Professions, and Dedication, School of Health Related Professions.
VT 009 910 ED 034 872 759
Manpower for the Medical Laboratory.
VT 009 993 ED 034 888 760
Notes and Working Papers from the National Conference on Cooperative Vocational Education; Implications of the 1968 Amendments.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 010 230 ED 035 762 816
Research Related to the Disadvantaged and Research Strategies for the Seventies.

VT 010 316 ED 036 640 781
Mental Health Manpower and the Psychiatric Technician.

VT 010 403 ED 036 651 824
A One-Week Institute to Develop Objectives and Models for a Continuous Exploratory Program Related to the World of Work from Junior High Through Senior High School.

CONGRESSIONAL HEARINGS
VT 010 274 ED 036 632 836
Employment and Training Legislation--1968; Hearings.

CONSTRUCTION INDUSTRY
VT 008 907 ED 034 021 777
Training Guide: Construction.

CONSTRUCTION PROGRAMS
VT 008 248 756
Achievement Report on Area Vocational-Technical School Development, 1963 to June 30, 1968.

CONSUMER EDUCATION
VT 009 928 ED 034 876 759
A Guide for the Development of Consumer and Homemaking Education.

CONTRACTS
VT 010 180 ED 036 629 815
Manpower Research Projects Sponsored by the U.S. Department of Labor, Manpower Administration Through June 30, 1969.

COOPERATIVE EDUCATION
VT 007 137 751
Cooperative-Distributive Education, An Alternate Semester Program.

VT 007 980 804
Vocational Agriculture Course Objectives and Occupational Work Experience.

VT 009 395 ED 032 282 827
Teacher-Assistant Cooperative Training; K Through 8 Grades.

VT 009 753 ED 034 062 810
Work Experience for Broadening Occupational Offerings: A Selected Bibliography for Use in Program Development.

VT 009 814 834
A Comparison of the Achievement of Vocational Auto-Mechanics Students in First Year Day Trade with Students in First Year Industrial Cooperative Training.

VT 009 993 ED 034 888 760
Notes and Working Papers from the National Conference on Cooperative Vocational Education; Implications of the 1968 Amendments.

PAGE

COOPERATIVE PROGRAMS
VT 010 247 ED 035 766 816
A Program of Research and Development for Tennessee Designed to Bring Together All Available Research Resources to Support A Continuing Program of Vocational Education.

CORE CURRICULUM
VT 008 514 757
Allied Health Education.

CORRECTIONAL EDUCATION
VT 008 848 ED 031 576 797
Differences That Make the Difference.

CORRECTIONAL REHABILITATION
VT 008 836 ED 036 617 797
Research in Correctional Rehabilitation.

VT 008 837 797
Research in Correctional Rehabilitation. Summary.

VT 008 852 798
The University and Corrections: Potential for Collaborative Relationships.

VT 008 853 798
The University and Corrections: Potential for Collaborative Relationships. Summary.

VT 008 867 798
Offenders as a Correctional Manpower Resource. Summary.

VT 008 898 799
The Legal Challenge to Corrections: Implications for Manpower and Training. Summary.

VT 010 156 ED 035 754 780
Develop New Careers Ladders, With Appropriate Education ComponentS, In the Administration of Justice. Technical Report.

CORRECTIONS
VT 008 897 ED 032 409 798
The Legal Challenge to Corrections: Implications for Manpower and Training.

CORRECTIVE INSTITUTIONS
VT 007 770 ED 029 100 796
Offenders as a Correctional Manpower Resource. Report of a SeminaR (Washington, D.C., March 7-8, 1968)..

VT 008 867 798
Offenders as a Correctional Manpower Resource. Summary.

VT 009 542 ED 034 029 800
Manpower for Correctional Rehabilitation in the South.

VT 009 627 ED 034 041 800
A Selected Bibliography on Training in Correctional Institutions.

SUBJECT AND IDENTIFIER INDEX

PAGE

COST EFFECTIVENESS
VT 009 614 ED 034 039 786
Benefit-Cost Analysis of TAT Phase I Worker Training. Training and Technology Project. Special Report.
VT 009 690 ED 034 055 786
Cost Effectiveness Analysis of Vocational-Technical Education Programs.
VT 009 691 ED 034 056 787
Cost Benefit Analysis--Trade and Technical Education.
VT 010 098 ED 034 894 788
Attitudes Toward Entreprenedrial Behavior and Education--Their Relationship to Instruction.

COUNSELING PROGRAMS
VT 010 147 824
Vocational-Technical Education: New Horizons; A Symposium Presented at the Meeting of the American Personnel and Guidance Association. 1969.

COUNSELORS
VT 009 855 ED 036 620 823
A Guidance Counselor's Handbook to Career Opportunities in the Health Field.
VT 010 401 ED 036 649 830
Occupational Experience and Career Development Training for Distributive Educators and Vocational Counselors.

COURSE DESCRIPTIONS
VT 009 169 763
Directory of Courses Offered in Area Vocational-Technical Schools.

COURSE EVALUATION
VT 007 217 752
Research and Development Program in Vocational-Technical Education; Seminar in Distributive Teacher Education (1967).

COURSE ORGANIZATION
VT 010 191 ED 036 630 829
An Identification of Fluid Power Instructional Goals and Content for Industrial Education Teacher Preparation.

CRIMINALS
VT 008 849 798
Differences That Make the Difference. Summary.

CULTURAL DIFFERENCES
VT 008 848 ED 031 576 797
Differences That Make the Difference.

CULTURAL FACTORS
VT 008 848 ED 031 576 797
Differences That Make the Difference.

PAGE

CURRICULUM
VT 009 902 ED 034 870 764
An Approach to the Teaching of Psychiatric Nursing in Diploma and Associate Degree Programs.
VT 010 317 ED 036 641 817
Research Visibility: Vocational Education Curriculum.

CURRICULUM DEVELOPMENT
VT 002 393 762
Vision and Revision: Report of a Curriculum Revision Project in a Practical Nursing Program.
VT 006 300 794
Suggestions for Homemaking Programs to Meet Needs of Educable Mentally Retarded Pupils.
VT 007 316 ED 036 609 762
Design for Learning; 1967 Summer Institute of Technology for Children.
VT 008 603 763
Annual Central Regional Research Conference in Agricultural Education. 1967.
VT 009 792 ED 034 852 806
The Maryland Plan for Industrial Arts in the Junior High School and the Behavioral Task Analysis Approach.
VT 010 147 824
Vocational-Technical Education: New Horizons; A Symposium Presented at the Meeting of the American Personnel and Guidance Association. 1969.
VT 010 189 ED 035 759 829
An Evaluation of the Preparation of the Industrial Arts Teacher Education Graduates at Colorado State University, 1957 through 1967.

CURRICULUM EVALUATION
VT 007 442 785
An Evaluation of The Curriculum Guide for Home Economics in New Hampshire Grades 9-12.
VT 009 189 ED 034 022 805
Contribution of Industrial Arts to the Understanding of Industry Possessed by Secondary School Students.

CURRICULUM PLANNING
VT 002 512 826
Training Programs for Teachers and Leaders of Gainful Employment Training Programs in Home Economics.
VT 007 261 770
Occupational Demand in Indiana.

DATA PROCESSING
VT 007 561 ED 034 018 762
Data Processing Education in the Schools of Pennsylvania, 1967-1968.

SUBJECT AND IDENTIFIER INDEX

PAGE

DELINQUENT REHABILITATION
VT 008 849 798
Differences That Make the Difference. Summary.

DEMONSTRATION PROGRAMS
VT 004 904 794
An Evaluation Follow-Up Study of the JOC Experimental Demonstration Project for the Communities of Denver and Pueblo, Colorado.

DEMONSTRATION PROJECTS
VT 002 705 792
Vocational Rehabilitation of Disabled Public Assistance Clients (Johnson, Martin, and Lawrence Counties).
VT 002 715 792
Vocational Rehabilitation of Disabled Public Assistance Clients. Leslie, Harlan and Bell Counties.
VT 010 237 ED 035 763 802
The Training and Placement of Older Workers: An Evaluation of Four Community Projects.

DEMONSTRATIONS (EDUCATIONAL)
VT 009 184 834
Slide-Tape Self-Instruction Versus Traditional Group Demonstrations in Teaching College Level Metalwork.

DENTAL ASSISTANTS
VT 009 887 ED 035 726 759
Annual Report on Dental Auxiliary Education, 1967/68.
VT 010 058 ED 035 737 760
Annual Report on Dental Auxiliary Education, 1968/69.

DENTAL AUXILIARIES
VT 007 274 752
Memorandum on the Association's Role and Function in the Training of Auxiliary Personnel.

DENTAL HYGIENISTS
VT 009 887 ED 035 726 759
Annual Report on Dental Auxiliary Education, 1967/68.
VT 010 058 ED 035 737 760
Annual Report on Dental Auxiliary Education, 1968/69.

DENTAL TECHNICIANS
VT 009 887 ED 035 726 759
Annual Report on Dental Auxiliary Education, 1967/68.
VT 010 058 ED 035 737 760
Annual Report on Dental Auxiliary Education, 1968/69.

DEVELOPING NATIONS
VT 002 664 747
Seminar on Problems of Manpower Planning, Development, Utilization, Distribution and Administration, 1963.

PAGE

DIRECTORIES
VT 008 019 755
Let's Be Practical About a Nursing Career.
VT 008 299 827
Directory of College and University Professional Personnel Who Teach Shop, Mechanics, or Related Courses to Agricultural Education Students.
VT 008 669 822
Putting the Pieces Together. An Inventory of Occupational Training.
VT 008 907 ED 034 021 777
Training Guide: Construction.
VT 009 169 763
Directory of Courses Offered in Area Vocational-Technical Schools.
VT 009 231 822
Education for Nursing--the Diploma Way.
VT 009 232 822
College Education: Key to a Professional Career in Nursing.
VT 009 767 ED 034 846 822
Technical Education Curriculums in Agriculture and Natural Resources in the United States of America.

DISADVANTAGED GROUPS
VT 004 904 794
An Evaluation Follow-Up Study of the JOC Experimental Demonstration Project for the Communities of Denver and Pueblo, Colorado.
VT 010 230 ED 035 762 816
Research Related to the Disadvantaged and Research Strategies for the Seventies.

DISADVANTAGED YOUTH
VT 009 936 ED 035 732 802
An Annotated Bibliography on the Employment of Disadvantaged Youth, 1960-1966.
VT 010 119 ED 035 743 802
A Guide to the Development of Vocational Education Programs and Services for the Disadvantaged.

DISTRIBUTIVE EDUCATION
VT 007 137 751
Cooperative-Distributive Education, An Alternate Semester Program.
VT 007 217 752
Research and Development Program in Vocational-Technical Education; Seminar in Distributive Teacher Education (1967).
VT 009 491 ED 033 232 764
DCVR Projects Related to Adult Education, and Projects Related Wholly or Partially to Office and Distributive Occupations, July 1, 1964-June 30, 1969.
VT 009 805 ED 035 720 812
A Plan for Research in Distributive Education; Report of a Research Planning Seminar.

PAGE

DISTRIBUTIVE EDUCATION TEACHERS
VT 010 401 ED 036 649 830
Occupational Experience and Career Development Training for Distributive Educators and Vocational Counselors.

DIVISION OF COMPREHENSIVE AND VOCATIONAL RESEARCH
VT 009 491 ED 033 232 764
DCVR Projects Related to Adult Education, and Projects Related Wholly or Partially to Office and Distributive Occupations, July 1, 1964-June 30, 1969.

DROPOUT REHABILITATION
VT 006 714 795
The Minneapolis Work Opportunity Center. May, 1966 to June, 1968.
VT 007 219 795
Evaluation of the Job Upgrading Program, April--August, 1966.

ECONOMIC CLIMATE
VT 004 909 ED 034 841 767
Geographical and Occupational Mobility of Workers in the Aircraft and Electronics Industries, Regional Trade Union Seminar, 1966.
VT 007 197 770
Research in Trade and Industrial Education in Tennessee; The Tennessee Manufacturing Economy.

ECONOMIC DEVELOPMENT
VT 002 664 747
Seminar on Problems of Manpower Planning, Development, Utilization, Distribution and Administration, 1963.
VT 010 099 ED 034 895 788
Education and Economic Growth in Iowa.

ECONOMIC FACTORS
VT 006 402 751
From Sixth Form to Industry; Report of a Conference of Schools and Industry,

ECONOMIC OPPORTUNITY ACT OF 1964 AS AMENDED
VT 008 743 797
Administration and Effectiveness of Work Experience and Training Project in Kent County, Michigan.

ECONOMIC STATUS
VT 009 256 799
Background and Economic Status of Unemployed Negroes of Tampa, Florida and Their Opinions Regarding Training, Retraining, and Relocation for Work.

PAGE

ECONOMICALLY DISADVANTAGED
VT 009 759 ED 035 717 801
Employment Programs for the Poor. A Community Action Agency Manpower Guidebook.

EDUCABLE MENTALLY HANDICAPPED
VT 006 300 794
Suggestions for Homemaking Programs to Meet Needs of Educable Mentally Retarded Pupils.
VT 008 543 ED 036 615 796
Selected Bibliography of Books, Pamphlets, Periodicals, and Curriculum Guides in Work Study for the Educable Retarded.
VT 009 816 ED 034 857 801
A Study of Industrial Arts Activities for Educable Mentally Retarded Junior High School Youth.
VT 009 820 ED 034 858 801
An Experimental Study to Determine Success of Performance with Selected Woodworking Hand Tools by Children with Specific Learning Handicaps.

EDUCATION
VT 008 901 777
Canada's Manpower Requirements in 1970.
VT 010 099 ED 034 895 788
Education and Economic Growth in Iowa.
VT 010 503 ED 036 658 836
Law Enforcement Education.

EDUCATIONAL BACKGROUND
VT 008 233 774
Occupational Health Nursing in Ontario.

EDUCATIONAL CHANGE
VT 007 701 753
Better Options, Better Lives.

EDUCATIONAL COORDINATION
VT 009 864 ED 036 621 759
The Proprietary School in Oregon.

EDUCATIONAL DISADVANTAGEMENT
VT 007 231 795
Final Report and Evaluation of the Women's Talent Corps New Careers Program 1966-67.

EDUCATIONAL FACILITIES
VT 009 475 ED 033 226 790
A Comprehensive Concept for Vocational Education Facilities: Introduction, Flexibility through Modularity, Space Determination, Schematic Modernization, A School Planner's Guide to the Pittsburgh Building Code, Appendixes.

SUBJECT AND IDENTIFIER INDEX

PAGE

EDUCATIONAL IMPROVEMENT
VT 007 410 752
What Is the Responsibility of Business in Modernizing Education?.
VT 007 933 754
Public Elementary and Secondary School Education Needs. Vol. 1.
VT 008 281 757
A Report on a Summary and Recommendations Adapted from West Virginia Legislative Study of Vocational, Technical, and Adult Education. 1967.
VT 009 409 ED 034 025 764
Industry-Education Mutual Involvement in Industrial Teacher Preparation and Upgrading.

EDUCATIONAL INNOVATION
VT 007 316 ED 036 609 762
Design for Learning; 1967 Summer Institute of Technology for Children.
VT 009 792 ED 034 852 806
The Maryland Plan for Industrial Arts in the Junior High School and the Behavioral Task Analysis Approach.

EDUCATIONAL INTEREST
VT 007 243 821
A Survey of Vocational Education Interest Among Sophomores in Six Iron Range School Districts.

EDUCATIONAL LEGISLATION
VT 007 234 752
Statutes Concerning Joint Vocational School Districts.
VT 007 654 753
Statutes Concerning Technical Institutes and Community Colleges.
VT 008 545 757
Procedures for Establishing Area Vocational Schools in Indiana.

EDUCATIONAL METHODS
VT 006 300 794
Suggestions for Homemaking Programs to Meet Needs of Educable Mentally Retarded Pupils.

EDUCATIONAL NEEDS
VT 002 440 747
Montcalm County Vocational-Technical Education Study.
VT 004 015 762
Civil Engineering Technology.
VT 006 123 749
Proceedings of the Annual American Industrial-Technical Education Conference. 1967.
VT 006 402 751
From Sixth Form to Industry; Report of a Conference of Schools and Industry.
VT 006 581 768
Personnel and Training Needs for Skilled and Technical Workers in Iowa Industries Manufacturing and Fabricating Plastics.
VT 007 361 771
A Survey of Need for a Fishery and Marine Resources Technology Program at College of the Redwoods.
VT 007 701 753
Better Options, Better Lives.
VT 007 757 ED 036 610 772
Implications of Career Openings in Health Occupations for Priorities in Vocational-Technical Education.
VT 007 758 ED 036 611 772
Implications of Career Openings in Social Welfare Occupations for Priorities in Vocational-Technical Education.
VT 007 809 772
Student Interest and Employment Opportunities in the Field of Ornamental Horticulture in Pickens County, South Carolina.
VT 007 933 754
Public Elementary and Secondary School Education Needs. Vol. 1.
VT 008 028 755
Vocational Education in Utah.
VT 008 281 757
A Report on a Summary and Recommendations Adapted from West Virginia Legislative Study of Vocational, Technical, and Adult Education. 1967.
VT 008 603 763
Annual Central Regional Research Conference in Agricultural Education. 1967.
VT 008 640 757
What Is Vocational Education? Alaska Looks at Vocational Education.
VT 008 907 ED 034 021 777
Training Guide: Construction.
VT 010 066 ED 035 739 780
Work Experience of Certified Laboratory Assistants.
VT 010 156 ED 035 754 780
Develop New Careers Ladders, With Appropriate Education Components, In the Administration of Justice. Technical Report.
VT 010 296 ED 035 772 781
Personnel Training and Employment Needs of Hospital Food Services in Tennessee.

EDUCATIONAL OBJECTIVES
VT 005 153 ED 036 607 762
The Application of Criteria in Practical Nursing Programs: Papers Presented at the Conference of the Council of Member Agencies of the Department of Practical Nursing Programs. 1966.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 007 980 804
Vocational Agriculture Course Objectives and Occupational Work Experience.

VT 008 873 805
The Challenge of Change; The Role of Occupational Education in Oregon.

VT 009 189 ED 034 022 805
Contribution of Industrial Arts to the Understanding of Industry Possessed by Secondary School Students.

EDUCATIONAL OPPORTUNITIES

VT 009 767 ED 034 846 822
Technical Education Curriculums in Agriculture and Natural Resources in the United States of America.

EDUCATIONAL PHILOSOPHY

VT 008 873 805
The Challenge of Change; The Role of Occupational Education in Oregon.

EDUCATIONAL PLANNING

VT 001 669 746
A Guide for the Establishment of Comprehensive Community Colleges in North Carolina.

VT 002 440 747
Montcalm County Vocational-Technical Education Study.

VT 006 168 750
Report of Vocational Needs Study Committee.

VT 007 217 752
Research and Development Program in Vocational-Technical Education; Seminar in Distributive Teacher Education (1967).

VT 007 227 821
Student Vocational Interest Survey.

VT 007 361 771
A Survey of Need for a Fishery and Marine Resources Technology Program at College of the Redwoods.

VT 007 757 ED 036 610 772
Implications of Career Openings in Health Occupations for Priorities in Vocational-Technical Education.

VT 007 758 ED 036 611 772
Implications of Career Openings in Social Welfare Occupations for Priorities in Vocational-Technical Education.

VT 008 172 774
Control Totals of Employment in Major Industry by Major Occupation Matrix for Michigan--1960.

VT 008 281 757
A Report on a Summary and Recommendations Adapted from West Virginia Legislative Study of Vocational, Technical, and Adult Education. 1967.

PAGE

VT 009 544 ED 036 619 805
The Implications of Job Opportunities in Transportation for Priorities in Vocational-Technical Education. Working Paper.

VT 009 842 ED 035 724 758
Second National Leadership Development Seminar for State Directors of Vocational Education.

VT 009 864 ED 036 621 759
The Proprietary School in Oregon.

EDUCATIONAL PROBLEMS

VT 006 123 749
Proceedings of the Annual American Industrial-Technical Education Conference. 1967.

VT 007 701 753
Better Options, Better Lives.

VT 008 739 804
Determining Group Perceptions of Vocational School Characteristics.

EDUCATIONAL PROGRAMS

VT 002 216 746
Statistical Information on the Registration and Education of Professional and Practical Nurses.

VT 007 273 752
Concept of a Total Program in Education for the World of Work.

VT 008 096 755
Engineering Manpower; Educational and Training Preparation of Technicians.

VT 008 176 756
Feasibility Study for Aviation Programs.

VT 008 972 763
Report of States' Aviation Education Programs.

EDUCATIONAL RESEARCH

VT 006 601 808
The Adaptation of PERT for Coordinating Interdisciplinary Manpower Research in a University Setting.

VT 007 309 808
Abstracts of Research in Agricultural Education 1965-66.

VT 007 843 808
Research in Programs in Agricultural Education.

VT 007 930 809
Research Studies in Programs in Agricultural Education in the North Atlantic Region, 1968-69.

VT 008 595 809
Research for Career Education: The Arizona Cooperative Program for Vocational-Technical Research.

VT 008 603 763
Annual Central Regional Research Conference in Agricultural Education. 1967.

PAGE

VT 008 659 809
Support for Research and Development of Innovative Approaches to Vocational Education.

VT 008 758 809
Priority Research and Development Needs in Vocational Education in California.

VT 008 997 809
Papers Presented at the Research Workshop for Teachers and Administrators in Vocational Education. 1969.

VT 009 491 ED 033 232 764
DCVR Projects Related to Adult Education, and Projects Related Wholly or Partially to Office and Distributive Occupations, July 1, 1964-June 30, 1969.

VT 009 748 ED 034 060 810
Research Visibility: Comprehensive Planning.

VT 009 791 ED 034 068 812
Alabama Research Coordinating Unit for Vocational and Technical Education.

VT 009 796 ED 034 072 812
The Establishment of a State Research Coordinating Unit in Vocational Education in Pennsylvania.

VT 009 805 ED 035 720 812
A Plan for Research in Distributive Education: Report of a Research Planning Seminar.

VT 009 934 ED 034 878 812
Delaware Occupational Research Coordinating Unit.

VT 009 979 ED 034 882 823
Research Visibility: Guidance and New Careers.

VT 009 980 ED 034 883 813
The Establishment and Development of a Research Coordinating Unit in Occupational Education in North Carolina.

VT 010 096 ED 034 892 813
Ohio Occupational Research and Development Coordinating Unit.

VT 010 097 ED 034 893 814
The Establishment of a Research Coordinating Unit for Vocational Education in Wyoming and Addendum No. 3. Bibliography of Research Coordinating Unit Educational Materials.

VT 010 101 ED 034 897 814
Indiana Research Coordinating Unit.

VT 010 153 ED 034 900 815
Oregon Research Coordinating Unit for Vocational Education.

VT 010 165 ED 035 757 815
Activities of the Nebraska Research Coordinating Unit for Vocational Education.

VT 010 204 ED 035 760 815
Research Coordinating Unit for Vocational Education in Oklahoma.

VT 010 230 ED 035 762 816
Research Related to the Disadvantaged and Research Strategies for the Seventies.

VT 010 247 ED 035 766 816
A Program of Research and Development for Tennessee Designed to Bring Together All Available Research Resources to Support A Continuing Program of Vocational Education.

VT 010 248 ED 035 767 816
Utah Coordinating Unit for Research in Vocational and Technical Education.

VT 010 295 ED 036 635 816
Summaries of Studies in Agricultural Education, Pacific Region, 1968-69. An Annotated Bibliography of Studies in Agricultural Education.

VT 010 303 ED 036 637 817
Nevada State Occupational Research Coordinating Unit.

VT 010 304 ED 036 638 817
Review and Synthesis of Research in Trade and Industrial Education. Second Edition.

VT 010 306 ED 036 639 817
Review and Synthesis of Research in Technical Education. Second Edition.

VT 010 322 ED 036 642 818
Summaries of Studies in Agricultural Education, Central Region 1968-69. An Annotated Bibliography of Studies in Agricultural Education.

VT 010 328 ED 036 644 818
Abstracts of Research Studies in Agricultural Education Completed in 1968-69 in the North Atlantic Region.

VT 010 358 ED 035 774 818
Continuation of the Colorado Research Coordinating Unit.

VT 011 173 (See Aug '70 RIE) 837
Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.

VT 011 200 (See Aug '70 RIE) 837
Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.

EDUCATIONAL RESOURCES

VT 008 028 755
Vocational Education in Utah.

EDUCATIONAL TRENDS

VT 005 244 749
Academic Planning Survey of Mental Health Manpower.

PAGE

EDUCATIONALLY DISADVANTAGED
VT 004 352 832
Marengo Experimental Vocational Program.
VT 009 641 ED 034 042 800
Guided Occupational Training. A Vocational Work Experience Program for Intellectually Limited and Educationally Handicapped Students.

EDUCCATIONAL FACILITIES
VT 009 199 ED 033 210 790
Involvement of the Industrial Arts Teacher in Planning Industrial Arts Facilities.

ELECTRONICS INDUSTRY
VT 004 909 ED 034 841 767
Geographical and Occupational Mobility of Workers in the Aircraft and Electrcnics Industries, Regional Trade Union Seminar, 1966.

ELEMENTARY EDUCATION
VT 007 933 754
Public Elementary and Secondary School Education Needs. Vol. 1.

ELEMENTARY GRADES
VT 007 316 ED 036 609 762
Design for Learning: 1967 Summer Institute of Technology for Children.

EMOTIONALLY DISTURBED
VT 001 967 792
The Employment Adjustment of Veterans with Histories of Psychosisand Psychoneurosis. Technical Report.
VT 004 837 794
They Return to Work. The Job Adjustment of Psychiatrically Disabled Veterans of World War II and Korean Conflict.

EMPLOYEES
VT 006 331 ED 034 017 768
Moonlighters in a Tight Labor Market.

EMPLOYER ATTITUDES
VT 008 240 775
Employer Hiring Practices and Attitudes about the Employment of Women. Summary.

EMPLOYER EMPLOYEE RELATIONSHIP
VT 002 495 747
Employee Motivation and Work Incentives in the Service Industries.
VT 003 974 767
Technological Change and Employment in the Automotive Industry.

PAGE

EMPLOYMENT
VT 001 967 792
The Employment Adjustment of Veterans with Histories of Psychosisand Psychoneurosis. Technical Report.
VT 004 837 794
They Return to Work. The Job Adjustment of Psychiatrically Disabled Veterans of World War II and Korean Conflict.
VT 009 646 ED 034 043 779
Manpower Management in Canada; A Selected Bibliography.
VT 009 649 ED 034 044 801
Report of the Gwvernor's Committee on Employment of Minority Groups in the News Media.
VT 009 759 ED 035 717 801
Employment Programs for the Poor. A Community Action Agency Manpower Guidebook.
VT 010 274 ED 036 632 836
Employment and Training Legislation--1968; Hearings.

EMPLOYMENT EXPERIENCE
VT 008 233 774
Occupational Health Nursing in Ontario.
VT 008 774 776
Labor Force Experience ov the Puerto Rican Worker.

EMPLOYMENT OPPORTUNITIES
VT 006 402 751
From Sixth Form to Industry; Report of a Conference of Schools and Industry,
VT 007 340 771
Perception of Job Opportunities Among Low-Income Groups in Missouri.
VT 007 602 771
Exploring Michigan's Employment Expectations.
VT 007 809 772
Student Interest and Employment Opportunities in the Field of Ornamental Horticulture in Pickens County, South Carolina.
VT 008 053 772
New Careers Potentials in Health: In the Hospital.
VT 008 065 773
New Careers Potentials in Health: Beyond the Hospital.
VT 008 073 773
Spotlight on Job Opportunities.
VT 009 277 778
A Guide to Overseas Professional Opportunities for Industrial Education Personnel.
VT 009 544 ED 036 619 805
The Implications of Job Opportunities in Transportation for Priorities in Vocational-Technical Education. Working Paper.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 009 987 ED 036 625 823
Part-Time, Summer and Volunteer Jobs for Jewish and Other Minority Group Youth.

EMPLOYMENT PATTERNS
VT 003 570 766
Trends and Turnover of Manpower in USDA.
VT 007 197 770
Research in Trade and Industrial Education in Tennessee; The Tennessee Manufacturing Economy.
VT 008 325 775
Changing Patterns in California Manufacturing Employment.

EMPLOYMENT POTENTIAL
VT 006 158 768
Computers on the Factory Floor--A Layoff Study.

EMPLOYMENT PRACTICES
VT 006 694 769
Manpower Planning for Technological Change.
VT 008 240 775
Employer Hiring Practices and Attitudes about the Employment of Women. Summary.

EMPLOYMENT PROBLEMS
VT 009 936 ED 035 732 802
An Annotated Bibliography on the Employment of Disadvantaged Youth, 1960-1966.

EMPLOYMENT PROJECTIONS
VT 003 570 766
Trends and Turnover of Manpower in USDA.
VT 008 160 774
Estimates and Projections of the Labor Force and Civilian Employment in the U.S.S.R.: 1950-1975.
VT 008 780 776
Manpower in Oklahoma: Northwest Region.
VT 008 901 777
Canada's Manpower Requirements in 1970.

EMPLOYMENT QUALIFICATIONS
VT 007 602 771
Exploring Michigan's Employment Expectations.
VT 008 901 777
Canada's Manpower Requirements in 1970.
VT 009 018 778
A Study of the Educational and Training Content of Occupations, 1966.

EMPLOYMENT STATISTICS
VT 003 570 766
Trends and Turnover of Manpower in USDA.

PAGE

VT 006 692 769
Occupational Employment Statistics 1960-66.
VT 008 323 775
California Womanpower.
VT 008 774 776
Labor Force Experience ov the Puerto Rican Worker.
VT 010 281 ED 035 770 781
Health Manpower, United States 1965-1967; Vital and Health Statistics Data on National Health Resources.

EMPLOYMENT TRENDS
VT 003 570 766
Trends and Turnover of Manpower in USDA.
VT 006 692 769
Occupational Employment Statistics 1960-66.
VT 007 197 770
Research in Trade and Industrial Education in Tennessee; The Tennessee Manufacturing Economy.
VT 008 172 774
Control Totals of Employment in Major Industry by Major Occupation Matrix for Michigan--1960.
VT 008 325 775
Changing Patterns in California Manufacturing Employment.
VT 008 673 776
Occupational Information for Florida Schools.

ENGINEERING TECHNICIANS
VT 008 096 755
Engineering Manpower; Educational and Training Preparation of Technicians.

ENROLLMENT
VT 002 216 746
Statistical Information on the Registration and Education of Professional and Practical Nurses.

ENROLLMENT PROJECTIONS
VT 007 693 753
Survey to Assess the Needs of Post-Secondary Vocational Training in the Western Half of New York State.
VT 009 664 ED 034 046 806
Vocational Education--General Education Situation Study.

ENTRY WORKERS
VT 008 703 776
Climb to Success, Security, Opportunity.

EQUAL OPPORTUNITIES (JOBS)
VT 008 240 775
Employer Hiring Practices and Attitudes about the Employment of Women. Summary.

SUBJECT AND IDENTIFIER INDEX

		PAGE
EQUIPMENT UTILIZATION		
VT 008 881		790
A Report on the Use of Buildings and Equipment.		
EQUIVALENCY TESTS		
VT 010 131	ED 035 744	829
Utilization of Competency Examinations in Vocational and Technical Education.		
ETHNIC GROUPS		
VT 008 848	ED 031 576	797
Differences That Make the Difference.		
EVALUATION		
VT 009 798	ED 035 719	787
Appraising Selected Manpower Training Programs in the Los Angeles Area.		
VT 010 086	ED 035 741	780
Technical Report on Occupations in Numerically Controlled Metal-Cutting Machining.		
VT 010 237	ED 035 763	802
The Training and Placement of Older Workers: An Evaluation of Four Community Projects.		
VT 010 248	ED 035 767	816
Utah Coordinating Unit for Research in Vocational and Technical Education.		
VT 010 358	ED 035 774	818
Continuation of the Colorado Research Coordinating Unit.		
EVALUATION CRITERIA		
VT 008 202		785
Assessment Guidelines for Programs Under the Vocational Education Act of 1963.		
EVALUATION METHODS		
VT 009 530		799
Work Evaluation.		
EVALUATION TECHNIQUES		
VT 009 184		834
Slide-Tape Self-Instruction Versus Traditional Group Demonstrations in Teaching College Level Metalwork.		
VT 009 792	ED 034 852	806
The Maryland Plan for Industrial Arts in the Junior High School and the Behavioral Task Analysis Approach.		
VT 009 795	ED 034 853	787
A Guide to Evaluation: Massachusetts Information Feedback System for Vocational Education. First Technical Progress Report.		
EXCEPTIONAL CHILD RESEARCH		
VT 009 820	ED 034 858	801
An Experimental Study to Determine Success of Performance with Selected Woodworking Hand Tools by Children with Specific Learning Handicaps.		
EXPERIMENTAL PROGRAMS		
VT 004 352		832
Marengo Experimental Vocational Program.		
VT 004 904		794
An Evaluation Follow-Up Study of the JOC Experimental Demonstration Project for the Communities of Denver and Pueblo, Colorado.		
VT 007 218		770
Follow-Up Study of MDTA E and D Project Conducted at Agricultural and Industrial State University at Nashville.		
VT 009 395	ED 032 282	827
Teacher-Assistant Cooperative Training; K Through 8 Grades.		
EXPERIMENTAL TEACHING		
VT 006 414		832
An Experimental Evaluation of Selected Presentation Modes in the Self-Instruction of a Manipulative Industrial Arts Learning Task.		
EXTENSION EDUCATION		
VT 002 493		747
Recruiting and Training Employees in the Service Industries.		
VT 006 426		826
Adult Leadership Development. A Graduate Workshop Summary Report.		
FACILITY GUIDELINES		
VT 009 475	ED 033 226	790
A Comprehensive Concept for Vocational Education Facilities: Introduction, Flexibility through Modularity, Space Determination, Schematic Modernization, A School Planner's Guide to the Pittsburgh Building Code, Appendixes.		
FACTOR ANALYSIS		
VT 009 260	ED 034 023	763
Testing an Empirical Procedure for Identifying Technical Associative Conceptual Structure: Discriminating Between Workmen Within and Between Two Occupations.		
VT 009 650	ED 034 843	828
Competencies of Vocational Teachers.		
FAIR LABOR STANDARDS ACT		
VT 009 519	ED 034 026	799
Working Children.		

SUBJECT AND IDENTIFIER INDEX

		PAGE
FAMILY LIFE		
VT 006 506		784
Ability of a Value Inventory to Discriminate Among Homemakers with Different Characteristics.		
FARM MANAGEMENT		
VT 010 098	ED 034 894	788
Attitudes Toward Entreprenedrial Behavior and Education--Their Relationship to Instruction.		
FEASIBILITY STUDIES		
VT 007 292		821
Determining Emplcyment Needs, Educational Feasibilities, and Potential Enrollments in Occupational Home Economics at the Post-Secondary Level in Oklahoma.		
VT 008 176		756
Feasibility Study for Aviation Programs.		
FEDERAL AID		
VT 003 723		793
Amendments to the Vocational Rehabilitation Act. Hearings. 1967.		
VT 004 954	ED 036 606	794
Vocational Rehabilitation Act Amendments of 1968. Hearings. 1968.		
VT 007 219		795
Evaluation of the Job Upgrading Program, April--August, 1966.		
FEDERAL LAWS		
VT 003 723		793
Amendments to the Vocational Rehabilitation Act. Hearings. 1967.		
VT 004 954	ED 036 606	794
Vocational Rehabilitation Act Amendments of 1968. Hearings. 1968.		
FEDERAL LEGISLATION		
VT 009 654	ED 034 045	805
Vocational Education and Manpower Training. Report of a National Legislative Seminar, 1969.		
VT 009 993	ED 034 888	760
Notes and Working Papers from the National Conference on Cooperative Vocational Education; Implications of the 1968 Amendments.		
VT 010 119	ED 035 743	802
A Guide to the Development of Vocational Education Programs and Services for the Disadvantaged.		
VT 010 274	ED 036 632	836
Employment and Training Legislation--1968; Hearings.		
FEDERAL PROGRAMS		
VT 007 218		770
Follow-Up Study of MDTA E and D Project Conducted at Agricultural and Industrial State University at Nashville.		
VT 007 655		771
Highlights of the 1968 Manpower Report of the President.		
VT 008 743		797
Administration and Effectiveness of Work Experience and Training Project in Kent County, Michigan.		
VT 009 759	ED 035 717	801
Employment Programs for the Poor. A Community Action Agency Manpower Guidebook.		
VT 010 180	ED 036 629	815
Manpower Research Projects Sponsored by the U.S. Department of Labor, Manpower Administration Through June 30, 1969.		
VT 010 275	ED 035 768	836
Employment and Training Legislation-1968; Background Information.		
FEMALES		
VT 007 832		833
Young Women in Fort Collins, Colorado.		
VT 008 323		775
California Womanpower.		
VT 008 813		776
Manpower Research, Women in the Labour Force.		
FILMS		
VT 010 065	ED 035 738	788
Films on Jobs, Training, and the Ghetto; An Evaluative Guide.		
FILMSTRIPS		
VT 006 414		832
An Experimental Evaluation of Selected Presentation Modes in the Self-Instruction of a Manipulative Industrial Arts Learning Task.		
FINANCIAL SUPPORT		
VT 008 659		809
Support for Research and Development of Innovative Approaches to Vocational Education.		
FISHERIES		
VT 007 361		771
A Survey of Need for a Fishery and Marine Resources Technology Program at College of the Redwoods.		
FLUID POWER EDUCATION		
VT 010 191	ED 036 630	829
An Identification of Fluid Power Instructional Goals and Content for Industrial Education Teacher Preparation.		
FOLLOWUP STUDIES		
VT 000 477		784
A Study of Vocational-Technical Education for High School Age Students in Clackamas County.		

SUBJECT AND IDENTIFIER INDEX

PAGE

FOOD SERVICE OCCUPATIONS
VT 010 296 ED 035 772 781
Personnel Training and Employment Needs of Hospital Food Services in Tennessee.

FOOD SERVICE WORKERS
VT 006 143 820
Careers in the Quantity Food Industry.

FOREIGN COUNTRIES
VT 008 160 774
Estimates and Projections of the Labor Force and Civilian Employment in the U.S.S.R.: 1950-1975.
VT 008 813 776
Manpower Research, Women in the Labour Force.
VT 009 018 778
A Study of the Educational and Training Content of Occupations, 1966.
VT 009 646 ED 034 043 779
Manpower Management in Canada; A Selected Bibliography.
VT 009 808 ED 035 721 779
Innovations and Experiments in Uses of Health Manpower--A Study of Selected Programs and Problems in the United Kingdom and the Soviet Union.

GENERAL EDUCATION
VT 009 664 ED 034 046 806
Vocational Education--General Education Situation Study.

GEOGRAPHICAL LOCATION
VT 006 393 750
A Summary of a Research Study Entitled--Implications of Vocational Education for Plant Site Location.

GHETTOS
VT 010 065 ED 035 738 788
Films on Jobs, Training, and the Ghetto; An Evaluative Guide.

GOAL ORIENTATION
VT 002 651 ED 036 605 820
The Conference on Unexplored Aspects of the Development of Occupational Goals of Youth, 1965.

GOVERNMENT EMPLOYEES
VT 003 570 766
Trends and Turnover of Manpower in USDA.

GRADE 10
VT 007 243 821
A Survey of Vocational Education Interest Among Sophomores in Six Iron Range School Districts.

PAGE

GRADE 11
VT 007 293 ED 024 081 821
Concepts of Career Fields Held by Eleventh Grade Students.

GRADUATE SURVEYS
VT 010 189 ED 035 759 829
An Evaluation of the Preparation of the Industrial Arts Teacher Education Graduates at Colorado State University, 1957 through 1967.

GUIDELINES
VT 001 669 746
A Guide for the Establishment of Comprehensive Community Colleges in North Carolina.
VT 007 481 826
Workshop Guidelines to Prepare Inservice Educators for Health-Care Agencies.
VT 007 743 754
Procedures for Developing Industrial Arts Education Project Proposals Under the Provisions of the National Defense Education Act Title III.
VT 007 980 804
Vocational Agriculture Course Objectives and Occupational Work Experience.
VT 008 545 757
Procedures for Establishing Area Vocational Schools in Indiana.
VT 009 764 ED 035 718 758
Guidelines for Program Development and Evaluation; Vocational Diploma, Associate Degree.

GUIDES
VT 009 759 ED 035 717 801
Employment Programs for the Poor. A Community Action Agency Manpower Guidebook.
VT 009 855 ED 036 620 823
A Guidance Counselor's Handbook to Career Opportunities in the Health Field.
VT 009 932 ED 032 695 802
Vocational Education for Handicapped Persons; Handbook for Program Implementation.
VT 009 987 ED 036 625 823
Part-Time, Summer and Volunteer Jobs for Jewish and Other Minority Group Youth.
VT 010 065 ED 035 738 788
Films on Jobs, Training, and the Ghetto; An Evaluative Guide.

HAND TOOLS
VT 009 820 ED 034 858 801
An Experimental Study to Determine Success of Performance with Selected Woodworking Hand Tools by Children with Specific Learning Handicaps.

SUBJECT AND IDENTIFIER INDEX

PAGE

HANDICAPPED
VT 009 932 ED 032 695 802
Vocational Education for Handicapped Persons; Handbook for Program Implementation.

HEALTH FACILITIES
VT 009 944 ED 036 623 760
The Urban Planner in Health Planning.

HEALTH OCCUPATIONS
VT 002 691 766
Health Manpower Requirements and Resources in Metropolitan Indianapolis, 1966-1971.
VT 008 703 776
Climb to Success, Security, Opportunity.
VT 009 751 ED 034 845 787
National Correlations in Medical Technology Education.
VT 009 808 ED 035 721 779
Innovations and Experiments in Uses of Health Manpower--A Study of Selected Programs and Problems in the United Kingdom and the Soviet Union.
VT 009 845 ED 034 865 779
Manpower Conference for the Health Related Professions, and Dedication, School of Health Related Professions.
VT 009 855 ED 036 620 823
A Guidance Counselor's Handbook to Career Opportunities in the Health Field.
VT 010 281 ED 035 770 781
Health Manpower, United States 1965-1967; Vital and Health Statistics Data on National Health Resources.

HEALTH OCCUPATIONS EDUCATION
VT 002 393 762
Vision and Revision: Report of a Curriculum Revision Project in a Practical Nursing Program.
VT 002 888 748
The MDTA and Your Health Manpower Needs.
VT 005 149 832
A New Look at the Why and the How of Clinical Laboratory Experiences.
VT 005 153 ED 036 607 762
The Application of Criteria in Practical Nursing Programs: Papers Presented at the Conference of the Council of Member Agencies of the Department of Practical Nursing Programs. 1966.
VT 005 214 804
Perspectives for Nursing.
VT 005 244 749
Academic Planning Survey of Mental Health Manpower.

PAGE

VT 006 348 750
Practical Nurse Education Program Practices in Connecticut Vocational-Technical Schools.
VT 007 274 752
Memorandum on the Association's Role and Function in the Training of Auxiliary Personnel.
VT 007 481 826
Workshop Guidelines to Prepare Inservice Educators for Health-Care Agencies.
VT 007 757 ED 036 610 772
Implications of Career Openings in Health Occupations for Priorities in Vocational-Technical Education.
VT 007 969 754
Study of Nursing Education in Tennessee.
VT 008 013 804
Statements Regarding Practical Nursing and Practical Nursing Education.
VT 008 019 755
Let's Be Practical About a Nursing Career.
VT 008 053 772
New Careers Potentials in Health: In the Hospital.
VT 008 065 773
New Careers Potentials in Health: Beyond the Hospital.
VT 008 514 757
Allied Health Education.
VT 008 825 827
Report by Advisory Committee on a Pilot Scheme for the Exchange of Nurse Teachers.
VT 009 696 ED 034 059 806
Community Mental Health and the Psychiatric Foundation.
VT 009 750 ED 034 844 758
Report of a National Study of Cytotechnologists: Education and Performance Relationships.
VT 009 751 ED 034 845 787
National Correlations in Medical Technology Education.
VT 009 802 ED 034 854 779
Allied Health Manpower: Trends and Prospects.
VT 009 845 ED 034 865 779
Manpower Conference for the Health Related Professions, and Dedication, School of Health Related Professions.
VT 009 855 ED 036 620 823
A Guidance Counselor's Handbook to Career Opportunities in the Health Field.
VT 009 887 ED 035 726 759
Annual Report on Dental Auxiliary Education, 1967/68.
VT 009 902 ED 034 870 764
An Approach to the Teaching of Psychiatric Nursing in Diploma and Associate Degree Programs.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 009 910 ED 034 872 759
Manpower for the Medical Laboratory.
VT 010 058 ED 035 737 760
Annual Report on Dental Auxiliary Education, 1968/69.

HEALTH PERSONNEL
VT 008 053 772
New Careers Potentials in Health: In the Hospital.
VT 008 065 773
New Careers Potentials in Health: Beyond the Hospital.
VT 008 086 773
A Study of Inactive Professional Health Personnel in North Carolina.
VT 009 696 ED 034 059 806
Community Mental Health and the Psychiatric Foundation.
VT 009 802 ED 034 854 779
Allied Health Manpower: Trends and Prospects.

HEALTH SERVICES
VT 005 214 804
Perspectives for Nursing.
VT 005 244 749
Academic Planning Survey of Mental Health Manpower.
VT 007 757 ED 036 610 772
Implications of Career Openings in Health Occupations for Priorities in Vocational-Technical Education.
VT 008 163 756
Health Planning; A Programmed Instruction Course.
VT 009 696 ED 034 059 806
Community Mental Health and the Psychiatric Foundation.
VT 009 802 ED 034 854 779
Allied Health Manpower: Trends and Prospects.
VT 009 910 ED 034 872 759
Manpower for the Medical Laboratory.
VT 009 944 ED 036 623 760
The Urban Planner in Health Planning.

HEARINGS BEFORE THE SELECT SUBCOMMITTEE ON EDUCATION OF THE COMMITTEE ON EDUCATION AND LABOR, WASHINGTON, D.C., JULY 18-20, 27, 1967
VT 003 723 793
Amendments to the Vocational Rehabilitation Act. Hearings. 1967.

HEARINGS BEFORE THE SELECT SUBCOMMITTEE ON EDUCATION OF THE COMMITTEE ON EDUCATION AND LABOR, WASHINGTON, D.C., MARCH 27-28, APRIL 2-3, 1968
VT 004 954 ED 036 606 794
Vocational Rehabilitation Act Amendments of 1968. Hearings. 1968.

PAGE

HIGH SCHOOL STUDENTS
VT 000 477 784
A Study of Vocational-Technical Education for High School Age Students in Clackamas County.
VT 006 298 820
Experiences of Iowa Senior High School Girls in Housing.

HISTORICAL REVIEWS
VT 006 325 750
Homemaker Services--History and Bibliography.

HOME ECONOMICS EDUCATION
VT 002 512 826
Training Programs for Teachers and Leaders of Gainful Employment Training Programs in Home Economics.
VT 006 298 820
Experiences of Iowa Senior High School Girls in Housing.
VT 007 832 833
Young Women in Fort Collins, Colorado.
VT 009 928 ED 034 876 759
A Guide for the Development of Consumer and Homemaking Education.

HOME ECONOMICS TEACHERS
VT 002 512 826
Training Programs for Teachers and Leaders of Gainful Employment Training Programs in Home Economics.
VT 007 442 785
An Evaluation of The Curriculum Guide for Home Economics in New Hampshire Grades 9-12.
VT 009 623 ED 034 040 827
The Feasibility of Audiotape-Telephone Supervision of High School Teachers.

HOME INSTRUCTION
VT 004 748 793
To Work Again...To Live Again. The Vocational Rehabilitation of Homebound Veterans.

HOME MANAGEMENT
VT 004 353 784
Home Managers' Program, Evaluation.
VT 008 088 755
New Approaches to Homemaker Service.
VT 008 131 755
Homemaker Services for Families and Individuals.

HOMEBOUND
VT 004 748 793
To Work Again...To Live Again. The Vocational Rehabilitation of Homebound Veterans.

SUBJECT AND IDENTIFIER INDEX

HOMEMAKERS
VT 006 506 784
Ability of a Value Inventory to Discriminate Among Homemakers with Different Characteristics.

HOMEMAKING EDUCATION
VT 006 300 794
Suggestions for Homemaking Programs to Meet Needs of Educable Mentally Retarded Pupils.
VT 007 442 785
An Evaluation of The Curriculum Guide for Home Economics in New Hampshire Grades 9-12.
VT 009 928 ED 034 876 759
A Guide for the Development of Consumer and Homemaking Education.

HOMEMAKING SKILLS
VT 004 353 784
Home Managers' Program, Evaluation.
VT 006 298 820
Experiences of Iowa Senior High School Girls in Housing.
VT 008 903 786
Opinions of Ninth and Twelfth Grade Girls and Young Homemakers as to Knowledge and Competencies Needed for Roles as Homemakers.

HOSPITALS
VT 008 434 786
The Hospital Employees Technological Training Program.
VT 008 978 777
Report of the Study of Staff Nurse Position Responsibilities in Iowa General Hospital.
VT 009 231 822
Education for Nursing--the Diploma Way.
VT 010 296 ED 035 772 781
Personnel Training and Employment Needs of Hospital Food Services in Tennessee.

HOUSING
VT 006 298 820
Experiences of Iowa Senior High School Girls in Housing.

HUDSON VALLEY COMMUNITY COLLEGE
VT 008 176 756
Feasibility Study for Aviation Programs.

HUMAN CAPITAL
VT 008 323 775
California Womanpower.

HUMAN RESOURCES
VT 002 664 747
Seminar on Problems of Manpower Planning, Development, Utilization, Distribution and Administration, 1963.
VT 007 655 771
Highlights of the 1968 Manpower Report of the President.

HUMAN SERVICES
VT 008 225 833
Role Play in New Careers Training.

ILLINOIS STATE DEPARTMENT OF REGISTRATION AND EDUCATION
VT 002 216 746
Statistical Information on the Registration and Education of Professional and Practical Nurses.

INCENTIVE SYSTEMS
VT 002 495 747
Employee Motivation and Work Incentives in the Service Industries.

INCOME
VT 010 099 ED 034 895 788
Education and Economic Growth in Iowa.

INDEXES (LOCATERS)
VT 011 200 (See Aug '70 RIE) 837
Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.

INDIA
VT 008 096 755
Engineering Manpower; Educational and Training Preparation of Technicians.

INDIANS
VT 007 191 770
Nursing Careers Among the American Indians.

INDIGENOUS PERSONNEL
VT 008 867 798
Offenders as a Correctional Manpower Resource. Summary.

INDIVIDUAL CHARACTERISTICS
VT 003 900 767
The Labor Force Characteristics of Women in Low-Income Rural AreaS of the South.
VT 003 902 793
Training of Public Assistance Recipients under the MDTA.
VT 007 832 833
Young Women in Fort Collins, Colorado.
VT 008 092 796
Unemployed Out-of-School Youth Survey.
VT 008 323 775
California Womanpower.

PAGE

INDIVIDUAL DIFFERENCES
VT 008 814 ED 034 020 833
Study of Training Equipment and Individual Differences: The Effects of Subject Matter Variables. Report and Supplementary Report.

INDIVIDUALIZED INSTRUCTION
VT 008 814 ED 034 020 833
Study of Training Equipment and Individual Differences: The Effects of Subject Matter Variables. Report and Supplementary Report.

INDUSTRIAL ARTS
VT 006 414 832
An Experimental Evaluation of Selected Presentation Modes in the Self-Instruction of a Manipulative Industrial Arts Learning Task.
VT 006 569 832
Program Summaries of the Annual Industrial Education Conference, 1965.
VT 007 316 ED 036 609 762
Design for Learning: 1967 Summer Institute of Technology for Children.
VT 007 743 754
Procedures for Developing Industrial Arts Education Project Proposals Under the Provisions of the National Defense Education Act Title III.
VT 008 568 797
Annotated Bibliography of Literature Related to Industrial Arts for the Mentally Retarded.
VT 009 184 834
Slide-Tape Self-Instruction Versus Traditional Group Demonstrations in Teaching College Level Metalwork.
VT 009 189 ED 034 022 805
Contribution of Industrial Arts to the Understanding of Industry Possessed by Secondary School Students.
VT 009 199 ED 033 210 790
Involvement of the Industrial Arts Teacher in Planning Industrial Arts Facilities.
VT 009 792 ED 034 852 806
The Maryland Plan for Industrial Arts in the Junior High School and the Behavioral Task Analysis Approach.
VT 009 820 ED 034 858 801
An Experimental Study to Determine Success of Performance with Selected Woodworking Hand Tools by Children with Specific Learning Handicaps.
VT 009 853 ED 035 725 828
Effecting Attitudinal Changes in Industrial Arts Education.
VT 010 109 ED 034 898 814
Review and Synthesis of Research in Industrial Arts Education.
VT 010 189 ED 035 759 829
An Evaluation of the Preparation of the Industrial Arts Teacher Education Graduates at Colorado State University, 1957 through 1967.

INDUSTRIAL ARTS TEACHERS
VT 009 189 ED 034 022 805
Contribution of Industrial Arts to the Understanding of Industry Possessed by Secondary School Students.
VT 009 199 ED 033 210 790
Involvement of the Industrial Arts Teacher in Planning Industrial Arts Facilities.
VT 009 816 ED 034 857 801
A Study of Industrial Arts Activities for Educable Mentally Retarded Junior High School Youth.

INDUSTRIAL EDUCATION
VT 002 214 746
Report of the Annual Conference on Industrial Education. 1967.
VT 004 393 748
Preliminary Reports of the Committee (29th Annual Conference on Industrial Education, 1967.
VT 009 277 778
A Guide to Overseas Professional Opportunities for Industrial Education Personnel.
VT 009 409 ED 034 025 764
Industry-Education Mutual Involvement in Industrial Teacher Preparation and Upgrading.
VT 010 191 ED 036 630 829
An Identification of Fluid Power Instructional Goals and Content for Industrial Education Teacher Preparation.

INDUSTRIAL EDUCATION CONFERENCE (13TH ANNUAL, MENOMONIE, WISCONSIN, OCTOBER 21, 1966)
VT 006 568 751
Program Summaries of the Annual Industrial Education Conference. 1966.

INDUSTRIAL EDUCATION CONFERENCE, MENOMONIE, WISCONSIN, OCTOBER 15, 1965
VT 006 569 832
Program Summaries of the Annual Industrial Education Conference, 1965.

INDUSTRIAL PERSONNEL
VT 002 429 766
Organized Training in Four Industry Groups, 1965.
VT 009 073 778
Guide to Recruitment and Selection for Manual Jobs.

SUBJECT AND IDENTIFIER INDEX

PAGE

INDUSTRIAL STRUCTURE
VT 008 901 777
Canada's Manpower Requirements in 1970.

INDUSTRIAL TRAINING
VT 002 429 766
Organized Training in Four Industry Groups, 1965.

INDUSTRY
VT 006 393 750
A Summary of a Research Study Entitled--Implications of Vocational Education for Plant Site Location.
VT 006 617 769
Corporate Manpower Planning.
VT 008 073 773
Spotlight on Job Opportunities.
VT 008 233 774
Occupational Health Nursing in Ontario.
VT 008 819 777
Work Experience in Puerto Rico: Calendar Yeaz 1968.

INFORMATION DISSEMINATION
VT 009 787 ED 034 851 812
Establishment of an Occupational Research and Development Coordinating Unit for the State of Rhode Island.
VT 010 247 ED 035 766 816
A Program of Research and Development for Tennessee Designed to Bring Together All Available Research Resources to Support A Continuing Program of Vocational Education.
VT 010 358 ED 035 774 818
Continuation of the Colorado Research Coordinating Unit.

INFORMATION SOURCES
VT 003 595 767
Opportunities in Apprenticeship and Skilled Trades in Iowa.
VT 008 662 836
Source Book of Research Titles and Related Materials in Vocational-Technical Education, 1968-69.

INFORMATION SYSTEMS
VT 004 401 748
Research Approaches to the Initiation of New Vocational-TechnicalPrograms; Conference, 1966.
VT 009 795 ED 034 853 787
A Guide to Evaluation: Massachusetts Information Feedback System for Vocational Education. First Technical Progress Report.

PAGE

INNOVATION
VT 009 808 ED 035 721 779
Innovations and Experiments in Uses of Health Manpower--A Study of Selected Programs and Problems in the United Kingdom and the Soviet Union.

INSERVICE COURSES
VT 008 434 786
The Hospital Employees Technological Training Program.

INSERVICE EDUCATION
VT 008 852 798
The University and Corrections: Potential for Collaborative Relationships.
VT 008 853 798
The University and Corrections: Potential for Collaborative Relationships. Summary.
VT 009 853 ED 035 725 828
Effecting Attitudinal Changes in Industrial Arts Education.

INSERVICE PROGRAMS
VT 009 853 ED 035 725 828
Effecting Attitudinal Changes in Industrial Arts Education.

INSERVICE TEACHER EDUCATION
VT 009 623 ED 034 040 827
The Feasibility of Audiotape-Telephone Supervision of High School Teachers.
VT 009 843 ED 034 864 828
Implementing a New Concept of Supervised Practice in Vocational Agriculture.

INSTITUTES (TRAINING PROGRAMS)
VT 007 316 ED 036 609 762
Design for Learning; 1967 Summer Institute of Technology for Children.
VT 007 478 808
Report of an Evaluation of a Summer Institute for Training Researchers in Occupational Education.
VT 010 401 ED 036 649 830
Occupational Experience and Career Development Training for Distributive Educators and Vocational Counselors.

INSTRUCTIONAL IMPROVEMENT
VT 006 569 832
Program Summaries of the Annual Industrial Education Conference, 1965.

INSTRUCTIONAL MATERIALS
VT 008 543 ED 036 615 796
Selected Bibliography of Books, Pamphlets, Periodicals, and Curriculum Guides in Work Study for the Educable Retarded.

SUBJECT AND IDENTIFIER INDEX

PAGE

INTENSIVE PROGRAMS
VT 009 752 ED 034 061 810
Intensive Training for Job Entry Skills: A Selected Bibliography for Use in Program Development.

INTERAGENCY COOPERATION
VT 008 514 757
Allied Health Education.
VT 009 944 ED 036 623 760
The Urban Planner in Health Planning.

INTERDISCIPLINARY APPROACH
VT 006 601 808
The Adaptation of PERT for Coordinating Interdisciplinary Manpower Research in a University Setting.

INTEREST
VT 002 678 826
Institute Interest of Technical, Trade and Industrial Teachers of Colorado.

INTEREST RESEARCH
VT 007 292 821
Determining Employment Needs, Educational Feasibilities, and Potential Enrollments in Occupational Home Economics at the Post-Secondary Level in Oklahoma.

INTEREST TESTS
VT 007 227 821
Student Vocational Interest Survey.

INTERINSTITUTIONAL COOPERATION
VT 007 247 804
The Role of the University in Community College Technical EduCation.

INTERNATIONAL STANDARD CLASSIFICATION OF OCCUPATIONS
VT 009 587 ED 034 036 778
International Standard Classification of Occupations.

ISRAEL
VT 008 813 776
Manpower Research, Women in the Labour Force.

JOB ANALYSIS
VT 010 066 ED 035 739 780
Work Experience of Certified Laboratory Assistants.
VT 010 370 ED 036 645 781
Composite Profiles of Agricultural Machinery Service Occupations.

PAGE

JOB DEVELOPMENT
VT 009 808 ED 035 721 779
Innovations and Experiments in Uses of Health Manpower--A Study of Selected Programs and Problems in the United Kingdom and the Soviet Union.

JOB FILM FAIR
VT 010 065 ED 035 738 788
Films on Jobs, Training, and the Ghetto; An Evaluative Guide.

JOB LAYOFF
VT 006 158 768
Computers on the Factory Floor--A Layoff Study.

JOB SKILLS
VT 007 258 784
Analyzing Vocational Competencies in Auto Mechanics.

JOB TRAINING
VT 003 902 793
Training of Public Assistance Recipients under the MDTA.
VT 009 752 ED 034 061 810
Intensive Training for Job Entry Skills: A Selected Bibliography for Use in Program Development.
VT 010 274 ED 036 632 836
Employment and Training Legislation--1968; Hearings.
VT 010 275 ED 035 768 836
Employment and Training Legislation-1968; Background Information.

JOBS
VT 010 065 ED 035 738 788
Films on Jobs, Training, and the Ghetto; An Evaluative Guide.

JUNIOR COLLEGES
VT 004 015 762
Civil Engineering Technology.

LABOR ECONOMICS
VT 004 909 ED 034 841 767
Geographical and Occupational Mobility of Workers in the Aircraft and Electronics Industries, Regional Trade Union Seminar, 1966.
VT 007 155 769
Bibliography of Industrial Relations in Latin America.

LABOR FORCE
VT 002 429 766
Organized Training in Four Industry Groups, 1965.
VT 003 433 766
Women Workers in Illinois.
VT 003 900 767
The Labor Force Characteristics of Women in Low-Income Rural AreaS of the South.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 006 692 769
Occupational Employment Statistics 1960-66.
VT 008 073 773
Spotlight on Job Opportunities.
VT 008 160 774
Estimates and Projections of the Labor Force and Civilian Employment in the U.S.S.R.: 1950-1975.
VT 008 323 775
California Womanpower.
VT 008 774 776
Labor Force Experience ov the Puerto Rican Worker.
VT 008 780 776
Manpower in Oklahoma: Northwest Region.
VT 008 813 776
Manpower Research, Women in the Labour Force.
VT 008 819 777
Work Experience in Puerto Rico: Calendar Yeaz 1968.

LABOR FORCE NONPARTICIPANTS
VT 008 086 773
A Study of Inactive Professional Health Personnel in North Carolina.
VT 008 283 775
Re-Employment Factors of Inactive Nurses in Wisconsin.

LABOR LAWS
VT 007 155 769
Bibliography of Industrial Relations in Latin America.
VT 010 274 ED 036 632 836
Employment and Training Legislation--1968; Hearings.
VT 010 275 ED 035 768 836
Employment and Training Legislation-1968; Background Information.

LABOR MARKET
VT 006 331 ED 034 017 768
Moonlighters in a Tight Labor Market.

LABOR STANDARDS
VT 004 803 748
National Painting and Decorating Apprenticeship and Training Stanards.

LABOR SUPPLY
VT 009 163 778
The Shortage of Skilled and Technical Workers. Summary.
VT 010 281 ED 035 770 781
Health Manpower, United States 1965-1967; Vital and Health Statistics Data on National Health Resources.

LABORATORY EQUIPMENT
VT 002 848 790
At Last, for That Limited Budget, A Testing Machine within Reach of All.

LABORATORY TECHNOLOGY
VT 009 910 ED 034 872 759
Manpower for the Medical Laboratory.

LATIN AMERICA
VT 007 155 769
Bibliography of Industrial Relations in Latin America.

LAW ENFORCEMENT
VT 010 156 ED 035 754 780
Develop New Careers Ladders, With Appropriate Education ComponentS, In the Administration of Justice. Technical Report.
VT 010 503 ED 036 658 836
Law Enforcement Education.

LEADERS GUIDES
VT 008 907 ED 034 021 777
Training Guide: Construction.

LEADERSHIP
VT 006 426 826
Adult Leadership Development. A Graduate Workshop Summary Report.

LEARNING PROCESSES
VT 008 814 ED 034 020 833
Study of Training Equipment and Individual Differences: The Effects of Subject Matter Variables. Report and Supplementary Report.

LIBRARY COLLECTIONS
VT 008 662 836
Source Book of Research Titles and Related Materials in Vocational-Technical Education, 1968-69.

LOW INCOME GROUPS
VT 003 900 767
The Labor Force Characteristics of Women in Low-Income Rural AreaS of the South.
VT 007 340 771
Perception of Job Opportunities Among Low-Income Groups in Missouri.

MALES
VT 003 901 793
Graduates of the Norfolk Project.

MANAGEMENT
VT 006 601 808
The Adaptation of PERT for Coordinating Interdisciplinary Manpower Research in a University Setting.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 009 868 788
Evaluation of Vocational-Technical Education Program Effectiveness.

MANPOWER DEVELOPMENT
VT 006 601 808
The Adaptation of PERT for Coordinating Interdisciplinary Manpower Research in a University Setting.
VT 006 617 769
Corporate Manpower Planning.
VT 007 155 769
Bibliography of Industrial Relations in Latin America.
VT 007 218 770
Follow-Up Study of MDTA E and D Project Conducted at Agricultural and Industrial State University at Nashville.
VT 007 602 771
Exploring Michigan's Employment Expectations.
VT 007 655 771
Highlights of the 1968 Manpower Report of the President.
VT 007 770 ED 029 100 796
Offenders as a Correctional Manpower Resource. Report of a SeminaR (Washington, D.C., March 7-8, 1968)..
VT 008 867 798
Offenders as a Correctional Manpower Resource. Summary.
VT 009 654 ED 034 045 805
Vocational Education and Manpower Training. Report of a National Legislative Seminar, 1969.
VT 009 798 ED 035 719 787
Appraising Selected Manpower Training Programs in the Los Angeles Area.
VT 009 808 ED 035 721 779
Innovations and Experiments in Uses of Health Manpower--A Study of Selected Programs and Problems in the United Kingdom and the Soviet Union.
VT 010 180 ED 036 629 815
Manpower Research Projects Sponsored by the U.S. Department of Labor, Manpower Administration Through June 30, 1969.
VT 010 274 ED 036 632 836
Employment and Training Legislation--1968; Hearings.

MANPOWER DEVELOPMENT AND TRAINING ACT
VT 002 888 748
The MDTA and Your Health Manpower Needs.
VT 009 163 778
The Shortage of Skilled and Technical Workers. Summary.
VT 010 180 ED 036 629 815
Manpower Research Projects Sponsored by the U.S. Department of Labor, Manpower Administration Through June 30, 1969.

VT 010 275 ED 035 768 836
Employment and Training Legislation-1968; Background Information.

MANPOWER NEEDS
VT 005 425 768
Nebraska's Nurse Supply, Needs and Resources--1966.
VT 006 581 768
Personnel and Training Needs for Skilled and Technical Workers in Iowa Industries Manufacturing and Fabricating Plastics.
VT 006 617 769
Corporate Manpower Planning.
VT 007 261 770
Occupational Demand in Indiana.
VT 007 602 771
Exploring Michigan's Employment Expectations.
VT 007 655 771
Highlights of the 1968 Manpower Report of the President.
VT 007 757 ED 036 610 772
Implications of Career Openings in Health Occupations for Priorities in Vocational-Technical Education.
VT 007 758 ED 036 611 772
Implications of Career Openings in Social Welfare Occupations for Priorities in Vocational-Technical Education.
VT 008 073 773
Spotlight on Job Opportunities.
VT 008 086 773
A Study of Inactive Professional Health Personnel in North Carolina.
VT 008 780 776
Manpower in Oklahoma: Northwest Region.
VT 008 901 777
Canada's Manpower Requirements in 1970.
VT 009 163 778
The Shortage of Skilled and Technical Workers. Summary.
VT 009 542 ED 034 029 800
Manpower for Correctional Rehabilitation in the South.
VT 009 910 ED 034 872 759
Manpower for the Medical Laboratory.
VT 010 296 ED 035 772 781
Personnel Training and Employment Needs of Hospital Food Services in Tennessee.

MANPOWER PROGRAMS
VT 009 759 ED 035 717 801
Employment Programs for the Poor. A Community Action Agency Manpower Guidebook.
VT 009 798 ED 035 719 787
Appraising Selected Manpower Training Programs in the Los Angeles Area.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 010 275 ED 035 768 836
Employment and Training Legislation-1968; Background Information.

MANPOWER UTILIZATION
VT 007 655 771
Highlights of the 1968 Manpower Report of the President.
VT 007 770 ED 029 100 796
Offenders as a Correctional Manpower Resource. Report of a SeminaR (Washington, D.C., March 7-8, 1968)..
VT 008 673 776
Occupational Information for Florida Schools.
VT 008 867 798
Offenders as a Correctional Manpower Resource. Summary.
VT 008 978 777
Report of the Study of Staff Nurse Position Responsibilities in Iowa General Hospital.
VT 009 646 ED 034 043 779
Manpower Management in Canada; A Selected Bibliography.

MANUALS
VT 009 073 778
Guide to Recruitment and Selection for Manual Jobs.

MANUFACTURING INDUSTRY
VT 006 581 768
Personnel and Training Needs for Skilled and Technical Workers in Iowa Industries Manufacturing and Fabricating Plastics.
VT 007 197 770
Research in Trade and Industrial Education in Tennessee; The Tennessee Manufacturing Economy.
VT 008 325 775
Changing Patterns in California Manufacturing Employment.

MARYLAND PLAN (THE)
VT 009 792 ED 034 852 806
The Maryland Plan for Industrial Arts in the Junior High School and the Behavioral Task Analysis Approach.

MASTER PLANS
VT 007 869 754
Progress Report of the Governor's Committee on Vocational-Technical Education.

MASTERS PLANNING FOR STATE PROGRAMS OF VOCATIONAL TECHNICAL EDUCATION, COLUMBUS, OHIO, SEPTEMBER 16-17, 1969
VT 009 842 ED 035 724 758
Second National Leadership Development Seminar for State Directors of Vocational Education.

PAGE

MASTERS THESES
VT 006 300 794
Suggestions for Homemaking Programs to Meet Needs of Educable Mentally Retarded Pupils.

MATHEMATICAL MODELS
VT 009 690 ED 034 055 786
Cost Effectiveness Analysis of Vocational-Technical Education Programs.

MEDICAL LABORATORY ASSISTANTS
VT 010 066 ED 035 739 780
Work Experience of Certified Laboratory Assistants.

MEDICAL TECHNOLOGISTS
VT 009 751 ED 034 845 787
National Correlations in Medical Technology Education.

MEETING MANPOWER NEEDS FOR CORRECTIONAL REHABILITATION IN THE SOUTH, ATLANTA, GEORGIA, NOVEMBER 14-16, 1966
VT 009 542 ED 034 029 800
Manpower for Correctional Rehabilitation in the South.

MENTAL HEALTH
VT 005 244 749
Academic Planning Survey of Mental Health Manpower.
VT 009 696 ED 034 059 806
Community Mental Health and the Psychiatric Foundation.
VT 010 316 ED 036 640 781
Mental Health Manpower and the Psychiatric Technician.

MENTAL RETARDATION
VT 006 413 751
Homemaker Home Health Aide-Services for Families with a Mentally Retarded Member.

MENTALLY HANDICAPPED
VT 007 192 795
Minutes. Annual Meeting, 1967.
VT 008 568 797
Annotated Bibliography of Literature Related to Industrial Arts for the Mentally Retarded.
VT 009 641 ED 034 042 800
Guided Occupational Training. A Vocational Work Experience Program for Intellectually Limited and Educationally Handicapped Students.

METAL CUTTING MACHINES
VT 010 086 ED 035 741 780
Technical Report on Occupations in Numerically Controlled Metal-Cutting Machining.

SUBJECT AND IDENTIFIER INDEX

PAGE

METAL WORKING OCCUPATIONS
VT 010 086 ED 035 741 780
Technical Report on Occupations in Numerically Controlled Metal-Cutting Machining.

MINORITY GROUPS
VT 008 849 798
Differences That Make the Difference. Summary.
VT 009 649 ED 034 044 801
Report of the Governor's Committee on Employment of Minority Groups in the News Media.
VT 009 987 ED 036 625 823
Part-Time, Summer and Volunteer Jobs for Jewish and Other Minority Group Youth.

MODELS
VT 007 258 784
Analyzing Vocational Competencies in Auto Mechanics.
VT 008 814 ED 034 020 833
Study of Training Equipment and Individual Differences: The Effects of Subject Matter Variables. Report and Supplementary Report.
VT 010 403 ED 036 651 824
A One-Week Institute to Develop Objectives and Models for a Continuous Exploratory Program Related to the World of Work from Junior High Through Senior High School.

MOTIVATION TECHNIQUES
VT 002 495 747
Employee Motivation and Work Incentives in the Service Industries.

MULTIMEDIA INSTRUCTION
VT 007 349 833
A Study of the Comparative Teaching Efficiency of a Multi-Media Instructional System Versus the Traditional Lecture Method for Youth Who Have Academic and Socioeconomic Handicaps.

MULTIPLE JOB HOLDERS
VT 006 331 ED 034 017 768
Moonlighters in a Tight Labor Market.

NATIONAL COUNCIL FOR HOMEMAKER SERVICES
VT 006 413 751
Homemaker Home Health Aide-Services for Families with a Mentally Retarded Member.

NATIONAL COUNCIL FOR HOMEMAKER SERVICES, INC.
VT 002 428 746
1967--Year of Decision (5th Annual Report).

NATIONAL DEFENSE EDUCATION ACT, TITLE III
VT 007 743 754
Procedures for Developing Industrial Arts Education Project Proposals Under the Provisions of the National Defense Education Act Title III.

NATIONAL LEAGUE FOR NURSING
VT 008 013 804
Statements Regarding Practical Nursing and Practical Nursing Education.

NATIONAL ORGANIZATIONS
VT 002 428 746
1967--Year of Decision (5th Annual Report).
VT 007 192 795
Minutes. Annual Meeting, 1967.

NATIONAL SURVEYS
VT 006 692 769
Occupational Employment Statistics 1960-66.
VT 008 172 774
Control Totals of Employment in Major Industry by Major Occupation Matrix for Michigan--1960.
VT 008 813 776
Manpower Research, Women in the Labour Force.
VT 008 972 763
Report of States' Aviation Education Programs.
VT 009 664 ED 034 046 806
Vocational Education--General Education Situation Study.
VT 010 131 ED 035 744 829
Utilization of Competency Examinations in Vocational and Technical Education.
VT 010 281 ED 035 770 781
Health Manpower, United States 1965-1967; Vital and Health Statistics Data on National Health Resources.

NEEDS
VT 005 863 749
Vocational Rehabilitation Needs and Resources in Eastern Kentucky.

NEGROES
VT 003 901 793
Graduates of the Norfolk Project.
VT 009 256 799
Background and Economic Status of Unemployed Negroes of Tampa, Florida and Their Opinions Regarding Training, Retraining, and Relocation for Work.

NEW CAREERS
VT 001 231 792
New Careers and Model Cities: A Partnership for Human Renewal.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 007 295 796
Career-Oriented Training.
VT 008 053 772
New Careers Potentials in Health: In the Hospital.
VT 008 065 773
New Careers Potentials in Health: Beyond the Hospital.
VT 008 225 833
Role Play in New Careers Training.

NEW HOPE PROJECT
VT 001 343 766
Continuing Employment Through Training.

NEW JERSEY OCCUPATIONAL RESEARCH AND DEVELOPMENT RESOURCE CENTER
VT 008 662 836
Source Book of Research Titles and Related Materials in Vocational-Technical Education, 1968-69.

NEWS MEDIA
VT 009 649 ED 034 044 801
Report of the Governor's Committee on Employment of Minority Groups in the News Media.

NIGERIA
VT 009 018 778
A Study of the Educational and Training Content of Occupations, 1966.

NONPROFESSIONAL PERSONNEL
VT 009 909 ED 034 871 780
Occupational Licensing and the Supply of Nonprofessional Manpower.

NORTHERN IRELAND
VT 008 825 827
Report by Advisory Committee on a Pilot Scheme for the Exchange of Nurse Teachers.

NUMERICAL CONTROL
VT 010 086 ED 035 741 780
Technical Report on Occupations in Numerically Controlled Metal-Cutting Machining.

NURSES
VT 007 191 770
Nursing Careers Among the American Indians.
VT 008 233 774
Occupational Health Nursing in Ontario.
VT 008 283 775
Re-Employment Factors of Inactive Nurses in Wisconsin.
VT 008 978 777
Report of the Study of Staff Nurse Position Responsibilities in Iowa General Hospital.

PAGE

NURSES AIDES
VT 007 481 826
Workshop Guidelines to Prepare Inservice Educators for Health-Care Agencies.
VT 008 434 786
The Hospital Employees Technological Training Program.

NURSING
VT 002 216 746
Statistical Information on the Registration and Education of Professional and Practical Nurses.
VT 005 149 832
A New Look at the Why and the How of Clinical Laboratory Experiences.
VT 005 214 804
Perspectives for Nursing.
VT 005 425 768
Nebraska's Nurse Supply, Needs and Resources--1966.
VT 007 969 754
Study of Nursing Education in Tennessee.
VT 008 825 827
Report by Advisory Committee on a Pilot Scheme for the Exchange of Nurse Teachers.
VT 009 231 822
Education for Nursing--the Diploma Way.
VT 009 232 822
College Education: Key to a Professional Career in Nursing.
VT 009 902 ED 034 870 764
An Approach to the Teaching of Psychiatric Nursing in Diploma and Associate Degree Programs.
VT 010 324 ED 036 643 824
Nurse Tutoring Study of the City University of New York; Interim Progress Report.

OCCUPATIONAL ASPIRATION
VT 002 651 ED 036 605 820
The Conference on Unexplored Aspects of the Development of Occupational Goals of Youth, 1965.

OCCUPATIONAL CHOICE
VT 002 651 ED 036 605 820
The Conference on Unexplored Aspects of the Development of Occupational Goals of Youth, 1965.
VT 007 227 821
Student Vocational Interest Survey.

OCCUPATIONAL GUIDANCE
VT 002 690 820
Ohio Vocational Education Notebook.
VT 004 352 832
Marengo Experimental Vocational Program.
VT 007 225 820
An Interview with Your Coordinator of Vocational Guidance.
VT 007 227 821
Student Vocational Interest Survey.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 009 979 ED 034 882 823
Research Visibility: Guidance and New Careers.
VT 010 147 824
Vocational-Technical Education: New Horizons; A Symposium Presented at the Meeting of the American Personnel and Guidance Association. 1969.

OCCUPATIONAL HOME ECONOMICS
VT 002 428 746
1967--Year of Decision (5th Annual Report).
VT 002 512 826
Training Programs for Teachers and Leaders of Gainful Employment Training Programs in Home Economics.
VT 006 143 820
Careers in the Quantity Food Industry.
VT 006 166 749
Potentials of a Centralized Community Homemaker Service.
VT 006 325 750
Homemaker Services--History and Bibliography.
VT 006 465 836
Selected References on Homemaker-Health Aide Services.
VT 007 292 821
Determining Employment Needs, Educational Feasibilities, and Potential Enrollments in Occupational Home Economics at the Post-Secondary Level in Oklahoma.
VT 008 088 755
New Approaches to Homemaker Service.
VT 008 131 755
Homemaker Services for Families and Individuals.

OCCUPATIONAL INFORMATION
VT 003 595 767
Opportunities in Apprenticeship and Skilled Trades in Iowa.
VT 006 143 820
Careers in the Quantity Food Industry.
VT 007 659 753
Report and Recommendations of the State Advisory Committee for Development of Vocational Education in Idaho Public Secondary Schools.
VT 008 132 774
Occupational Therapy--A New Lift for the Disabled.
VT 008 673 776
Occupational Information for Florida Schools.
VT 008 703 776
Climb to Success, Security, Opportunity.
VT 009 587 ED 034 036 778
International Standard Classification of Occupations.

PAGE

VT 009 855 ED 036 620 823
A Guidance Counselor's Handbook to Career Opportunities in the Health Field.
VT 009 980 ED 034 883 813
The Establishment and Development of a Research Coordinating Unit in Occupational Education in North Carolina.
VT 009 987 ED 036 625 823
Part-Time, Summer and Volunteer Jobs for Jewish and Other Minority Group Youth.
VT 010 086 ED 035 741 780
Technical Report on Occupations in Numerically Controlled Metal-Cutting Machining.
VT 010 093 ED 034 889 813
The Continuation of Federal Support for the New York State Research Coordinating Unit for Vocational Education.
VT 010 096 ED 034 892 813
Ohio Occupational Research and Development Coordinating Unit.
VT 010 097 ED 034 893 814
The Establishment of a Research Coordinating Unit for Vocational Education in Wyoming and Addendum No. 3. Bibliography of Research Coordinating Unit Educational Materials.
VT 010 100 ED 034 896 814
Minnesota Research Coordinating Unit for Vocational Education.
VT 010 165 ED 035 757 815
Activities of the Nebraska Research Coordinating Unit for Vocational Education.
VT 010 204 ED 035 760 815
Research Coordinating Unit for Vocational Education in Oklahoma.
VT 010 370 ED 036 645 781
Composite Profiles of Agricultural Machinery Service Occupations.

OCCUPATIONAL MOBILITY
VT 007 273 752
Concept of a Total Program in Education for the World of Work.
VT 008 053 772
New Careers Potentials in Health: In the Hospital.
VT 010 156 ED 035 754 780
Develop New Careers Ladders, With Appropriate Education ComponentS, In the Administration of Justice. Technical Report.

OCCUPATIONAL SURVEYS
VT 002 429 766
Organized Training in Four Industry Groups, 1965.
VT 002 691 766
Health Manpower Requirements and Resources in Metropolitan Indianapolis, 1966-1971.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 005 425 768
Nebraska's Nurse Supply, Needs and Resources--1966.
VT 006 581 768
Personnel and Training Needs for Skilled and Technical Workers in Iowa Industries Manufacturing and Fabricating Plastics.
VT 006 692 769
Occupational Employment Statistics 1960-66.
VT 007 361 771
A Survey of Need for a Fishery and Marine Resources Technology Program at College of the Redwoods.
VT 008 073 773
Spotlight on Job Opportunities.
VT 008 086 773
A Study of Inactive Professional Health Personnel in North Carolina.
VT 008 096 755
Engineering Manpower; Educational and Training Preparation of Technicians.
VT 008 172 774
Control Totals of Employment in Major Industry by Major Occupation Matrix for Michigan--1960.
VT 008 233 774
Occupational Health Nursing in Ontario.
VT 008 283 775
Re-Employment Factors of Inactive Nurses in Wisconsin.
VT 008 325 775
Changing Patterns in California Manufacturing Employment.
VT 008 673 776
Occupational Information for Florida Schools.
VT 009 018 778
A Study of the Educational and Training Content of Occupations, 1966.
VT 009 163 778
The Shortage of Skilled and Technical Workers. Summary.

OCCUPATIONAL TESTS
VT 009 750 ED 034 844 758
Report of a National Study of Cytotechnologists: Education and Performance Relationships.
VT 010 131 ED 035 744 829
Utilization of Competency Examinations in Vocational and Technical Education.

OCCUPATIONAL THERAPISTS
VT 008 132 774
Occupational Therapy--A New Lift for the Disabled.

OCCUPATIONAL THERAPY
VT 008 132 774
Occupational Therapy--A New Lift for the Disabled.

PAGE

OCCUPATIONS
VT 008 780 776
Manpower in Oklahoma: Northwest Region.
VT 008 819 777
Work Experience in Puerto Rico: Calendar Yeaz 1968.
VT 009 587 ED 034 036 778
International Standard Classification of Occupations.

OFFICE OCCUPATIONS EDUCATION
VT 009 491 ED 033 232 764
DCVR Projects Related to Adult Education, and Projects Related Wholly or Partially to Office and Distributive Occupations, July 1, 1964-June 30, 1969.
VT 009 670 ED 034 047 828
Practicum for Simulated Methods in Office Occupations Education.

OLDER ADULTS
VT 010 237 ED 035 763 802
The Training and Placement of Older Workers: An Evaluation of Four Community Projects.

ON THE JOB TRAINING
VT 002 429 766
Organized Training in Four Industry Groups, 1965.
VT 007 219 795
Evaluation of the Job Upgrading Program, April--August, 1966.
VT 010 275 ED 035 768 836
Employment and Training Legislation-1968; Background Information.

OPINIONS
VT 008 758 809
Priority Research and Development Needs in Vocational Education in California.
VT 008 903 786
Opinions of Ninth and Twelfth Grade Girls and Young Homemakers as to Knowledge and Competencies Needed for Roles as Homemakers.

OREGON STATE ADVISORY COUNCIL FOR VOCATIONAL EDUCATION
VT 008 873 805
The Challenge of Change; The Role of Occupational Education in Oregon.

ORNAMENTAL HORTICULTURE OCCUPATIONS
VT 007 809 772
Student Interest and Employment Opportunities in the Field of Ornamental Horticulture in Pickens County, South Carolina.

OUT OF SCHOOL YOUTH
VT 008 092 796
Unemployed Out-of-School Youth Survey.

SUBJECT AND IDENTIFIER INDEX

		PAGE
OVERSEAS EMPLOYMENT		
VT 009 277		778
A Guide to Overseas Professional Opportunities for Industrial Education Personnel.		
PAINTERS		
VT 004 803		748
National Painting and Decorating Apprenticeship and Training Stanards.		
PARAMEDICAL OCCUPATIONS		
VT 009 163		778
The Shortage of Skilled and Technical Workers. Summary.		
VT 010 316	ED 036 640	781
Mental Health Manpower and the Psychiatric Technician.		
PART TIME JOBS		
VT 006 331	ED 034 017	768
Moonlighters in a Tight Labor Market.		
PENNSYLVANIA STATE UNIVERSITY		
VT 007 309		808
Abstracts of Research in Agricultural Education 1965-66.		
PERCEPTION		
VT 007 340		771
Perception of Job Opportunities Among Low-Income Groups in Missouri.		
PERIODICALS		
VT 008 543	ED 036 615	796
Selected Bibliography of Books, Pamphlets, Periodicals, and Curriculum Guides in Work Study for the Educable Retarded.		
PERSONAL VALUES		
VT 006 506		784
Ability of a Value Inventory to Discriminate Among Homemakers with Different Characteristics.		
PERSONNEL		
VT 008 849		798
Differences That Make the Difference. Summary.		
PERSONNEL POLICY		
VT 003 974		767
Technological Change and Employment in the Automotive Industry.		
VT 006 617		769
Corporate Manpower Planning.		
VT 008 240		775
Employer Hiring Practices and Attitudes about the Employment of Women. Summary.		
PERSONNEL SELECTION		
VT 002 493		747
Recruiting and Training Employees in the Service Industries.		
PHYSICALLY HANDICAPPED		
VT 002 705		792
Vocational Rehabilitation of Disabled Public Assistance Clients (Johnson, Martin, and Lawrence Counties).		
VT 002 715		792
Vocational Rehabilitation of Disabled Public Assistance Clients. Leslie, Harlan and Bell Counties.		
VT 007 192		795
Minutes. Annual Meeting, 1967.		
PILOT PROJECTS		
VT 007 219		795
Evaluation of the Job Upgrading Program, April--August, 1966.		
VT 009 843	ED 034 864	828
Implementing a New Concept of Supervised Practice in Vocational Agriculture.		
VT 009 853	ED 035 725	828
Effecting Attitudinal Changes in Industrial Arts Education.		
VT 010 116		824
Pilot Programs in Vocational Agriculture. Report No. 2, Characteristics of Students Enrolled in Wisconsin Vocational Agriculture Pilot Programs, 1968-1969.		
PITTSBURGH		
VT 009 475	ED 033 226	790
A Comprehensive Concept for Vocational Education Facilities: Introduction, Flexibility through Modularity, Space Determination, Schematic Modernization, A School Planner's Guide to the Pittsburgh Building Code, Appendixes.		
PLACEMENT		
VT 009 073		778
Guide to Recruitment and Selection for Manual Jobs.		
PLANNING		
VT 009 805	ED 035 720	812
A Plan for Research in Distributive Education; Report of a Research Planning Seminar.		
PLANNING PROGRAMING BUDGETING SYSTEM		
VT 008 163		756
Health Planning; A Programmed Instruction Course.		
PLASTICS		
VT 006 581		768
Personnel and Training Needs for Skilled and Technical Workers in Iowa Industries Manufacturing and Fabricating Plastics.		

SUBJECT AND IDENTIFIER INDEX

PAGE

POLICY
VT 007 274 752
Memorandum on the Association's Role and Function in the Training of Auxiliary Personnel.

POLICY FORMATION
VT 009 018 778
A Study of the Educational and Training Content of Occupations, 1966.

POPULATION GROWTH
VT 007 602 771
Exploring Michigan's Employment Expectations.

POPULATION TRENDS
VT 008 673 776
Occupational Information for Florida Schools.

POST SECONDARY EDUCATION
VT 007 137 751
Cooperative-Distributive Education, An Alternate Semester Program.
VT 007 693 753
Survey to Assess the Needs of Post-Secondary Vocational Training in the Western Half of New York State.
VT 009 767 ED 034 846 822
Technical Education Curriculums in Agriculture and Natural Resources in the United States of America.

POVERTY PROGRAMS
VT 004 353 784
Home Managers' Program, Evaluation.
VT 008 743 797
Administration and Effectiveness of Work Experience and Training Project in Kent County, Michigan.

PRACTICAL NURSING
VT 002 393 762
Vision and Revision: Report of a Curriculum Revision Project in a Practical Nursing Program.
VT 005 153 ED 036-607 762
The Application of Criteria in Practical Nursing Programs: Papers Presented at the Conference of the Council of Member Agencies of the Department of Practical Nursing Programs. 1966.
VT 006 348 750
Practical Nurse Education Program Practices in Connecticut Vocational-Technical Schools.
VT 008 013 804
Statements Regarding Practical Nursing and Practical Nursing Education.
VT 008 019 755
Let's Be Practical About a Nursing Career.

PAGE

PRACTICUMS
VT 009 670 ED 034 047 828
Practicum for Simulated Methods in Office Occupations Education.

PRESERVICE EDUCATION
VT 008 852 798
The University and Corrections: Potential for Collaborative Relationships.
VT 008 853 798
The University and Corrections: Potential for Collaborative Relationships. Summary.

PRISONERS
VT 007 770 ED 029 100 796
Offenders as a Correctional Manpower Resource. Report of a SeminaR (Washington, D.C., March 7-8, 1968)..
VT 008 867 798
Offenders as a Correctional Manpower Resource. Summary.
VT 008 897 ED 032 409 798
The Legal Challenge to Corrections: Implications for Manpower and Training.
VT 008 898 799
The Legal Challenge to Corrections: Implications for Manpower and Training. Summary.

PROFESSIONAL ASSOCIATIONS
VT 002 428 746
1967--Year of Decision (5th Annual Report).

PROFESSIONAL EDUCATION
VT 005 214 804
Perspectives for Nursing.
VT 005 244 749
Academic Planning Survey of Mental Health Manpower.
VT 007 274 752
Memorandum on the Association's Role and Function in the Training of Auxiliary Personnel.
VT 007 969 754
Study of Nursing Education in Tennessee.
VT 008 514 757
Allied Health Education.
VT 009 232 822
College Education: Key to a Professional Career in Nursing.
VT 009 751 ED 034 845 787
National Correlations in Medical Technology Education.
VT 009 845 ED 034 865 779
Manpower Conference for the Health Related Professions, and Dedication, School of Health Related Professions.

SUBJECT AND IDENTIFIER INDEX

PAGE

PROFESSIONAL PERSONNEL
VT 009 277 778
A Guide to Overseas Professional Opportunities for Industrial Education Personnel.

PROGRAM ADMINISTRATION
VT 006 348 750
Practical Nurse Education Program Practices in Connecticut Vocational-Technical Schools.
VT 008 088 755
New Approaches to Homemaker Service.
VT 009 640 757
What Is Vocational Education? Alaska Looks at Vocational Education.

PROGRAM CONTENT
VT 007 561 ED 034 018 762
Data Processing Education in the Schools of Pennsylvania, 1967-1968.

PROGRAM COSTS
VT 008 149 756
Vocational and Technical Education in Rhode Island--1969-1975.

PROGRAM DESCRIPTIONS
VT 001 624 746
Vocational-Technical Education in Washington.
VT 002 428 746
1967--Year of Decision (5th Annual Report).
VT 002 888 748
The MDTA and Your Health Manpower Needs.
VT 004 352 832
Marengo Experimental Vocational Program.
VT 004 748 793
To Work Again...To Live Again. The Vocational Rehabilitation of Homebound Veterans.
VT 006 325 750
Homemaker Services--History and Bibliography.
VT 006 714 795
The Minneapolis Work Opportunity Center. May, 1966 to June, 1968.
VT 008 089 755
New Approaches to Homemaker Service.
VT 008 131 755
Homemaker Services for Families and Individuals.
VT 008 595 809
Research for Career Education: The Arizona Cooperative Program for Vocational-Technical Research.
VT 008 640 757
What Is Vocational Education? Alaska Looks at Vocational Education.
VT 008 669 822
Putting the Pieces Together. An Inventory of Occupational Training.
VT 009 395 ED 032 282 827
Teacher-Assistant Cooperative Training; K Through 8 Grades.
VT 009 785 ED 034 065 811
Continuation of Arizona Occupational Research Coordinating Unit.
VT 009 791 ED 034 068 812
Alabama Research Coordinating Unit for Vocational and Technical Education.
VT 009 796 ED 034 072 812
The Establishment of a State Research Coordinating Unit in Vocational Education in Pennsylvania.
VT 009 934 ED 034 878 812
Delaware Occupational Research Coordinating Unit.
VT 010 093 ED 034 889 813
The Continuation of Federal Support for the New York State Research Coordinating Unit for Vocational Education.
VT 010 094 ED 034 890 813
Continuation of the Kentucky Research Coordinating Unit.
VT 010 096 ED 034 892 813
Ohio Occupational Research and Development Coordinating Unit.
VT 010 097 ED 034 893 814
The Establishment of a Research Coordinating Unit for Vocational Education in Wyoming and Addendum No. 3. Bibliography of Research Coordinating Unit Educational Materials.
VT 010 100 ED 034 896 814
Minnesota Research Coordinating Unit for Vocational Education.
VT 010 165 ED 035 757 815
Activities of the Nebraska Research Coordinating Unit for Vocational Education.
VT 010 204 ED 035 760 815
Research Coordinating Unit for Vocational Education in Oklahoma.

PROGRAM DEVELOPMENT
VT 007 137 751
Cooperative-Distributive Education, An Alternate Semester Program.
VT 007 273 752
Concept of a Total Program in Education for the World of Work.
VT 008 852 798
The University and Corrections: Potential for Collaborative Relationships.
VT 008 853 798
The University and Corrections: Potential for Collaborative Relationships. Summary.
VT 009 764 ED 035 718 758
Guidelines for Program Development and Evaluation; Vocational Diploma, Associate Degree.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 009 928 ED 034 876 759
A Guide for the Development of Consumer and Homemaking Education.
VT 009 932 ED 032 695 802
Vocational Education for Handicapped Persons; Handbook for Program Implementation.

PROGRAM EFFECTIVENESS
VT 001 343 766
Continuing Employment Through Training.
VT 008 743 797
Administration and Effectiveness of Work Experience and Training Project in Kent County, Michigan.
VT 009 868 788
Evaluation of Vocational-Technical Education Program Effectiveness.
VT 010 098 ED 034 894 788
Attitudes Toward Entreprenedrial Behavior and Education--Their Relationship to Instruction.

PROGRAM EVALUATION
VT 001 343 766
Continuing Employment Through Training.
VT 004 353 784
Home Managers' Program, Evaluation.
VT 004 904 794
An Evaluation Follow-Up Study of the JOC Experimental Demonstration Project for the Communities of Denver and Pueblo, Colorado.
VT 005 863 749
Vocational Rehabilitation Needs and Resources in Eastern Kentucky.
VT 007 218 770
Follow-Up Study of MDTA E and D Project Conducted at Agricultural and Industrial State University at Nashville.
VT 007 349 833
A Study of the Comparative Teaching Efficiency of a Multi-Media Instructional System Versus the Traditional Lecture Method for Youth Who Have Academic and Socioeconomic Handicaps.
VT 007 829 ED 036 612 785
Use of Industry-Advisory Committees as a Technique for Evaluating Vocational and Technical Education Programs.
VT 008 202 785
Assessment Guidelines for Programs Under the Vocational Education Act of 1963.
VT 008 275 785
A Study to Determine the Adequacy of the Vocational Education Programs at the White Mountains Regional High School.
VT 008 434 786
The Hospital Employees Technological Training Program.
VT 008 743 797
Administration and Effectiveness of Work Experience and Training Project in Kent County, Michigan.
VT 009 409 ED 034 025 764
Industry-Education Mutual Involvement in Industrial Teacher Preparation and Upgrading.
VT 009 795 ED 034 853 787
A Guide to Evaluation; Massachusetts Information Feedback System for Vocational Education. First Technical Progress Report.
VT 009 868 788
Evaluation of Vocational-Technical Education Program Effectiveness.
VT 010 116 824
Pilot Programs in Vocational Agriculture. Report No. 2, Characteristics of Students Enrolled in Wisconsin Vocational Agriculture Pilot Programs, 1968-1969.

PROGRAM EVALUATION AND REVIEW TECHNIQUE
VT 006 601 808
The Adaptation of PERT for Coordinating Interdisciplinary Manpower Research in a University Setting.

PROGRAM GUIDES
VT 004 803 748
National Painting and Decorating Apprenticeship and Training Stanards.

PROGRAM IMPROVEMENT
VT 004 393 748
Preliminary Reports of the Committee (29th Annual Conference on Industrial Education, 1967.
VT 008 096 755
Engineering Manpower; Educational and Training Preparation of Technicians.
VT 008 149 756
Vocational and Technical Education in Rhode Island--1969-1975.
VT 008 275 785
A Study to Determine the Adequacy of the Vocational Education Programs at the White Mountains Regional High School.
VT 010 119 ED 035 743 802
A Guide to the Development of Vocational Education Programs and Services for the Disadvantaged.

PROGRAM PLANNING
VT 006 617 769
Corporate Manpower Planning.
VT 008 163 756
Health Planning; A Programmed Instruction Course.
VT 009 748 ED 034 060 810
Research Visibility: Comprehensive Planning.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 009 928 ED 034 876 759
A Guide for the Development of Consumer and Homemaking Education.

PROGRAM PROPOSALS
VT 007 701 753
Better Options, Better Lives.

PROGRAMMED TEXTS
VT 008 163 756
Health Planning; A Programmed Instruction Course.

PROJECT TRAINING METHODS
VT 007 217 752
Research and Development Program in Vocational-Technical Education; Seminar in Distributive Teacher Education (1967).

PROPRIETARY SCHOOLS
VT 009 864 ED 036 621 759
The Proprietary School in Oregon.

PSYCHIATRY
VT 009 902 ED 034 870 764
An Approach to the Teaching of Psychiatric Nursing in Diploma and Associate Degree Programs.

PSYCHOLOGICAL TESTING
VT 010 147 824
Vocational-Technical Education: New Horizons; A Symposium Presented at the Meeting of the American Personnel and Guidance Association. 1969.

PUBLIC HEALTH
VT 007 191 770
Nursing Careers Among the American Indians.

PUBLIC LAW 90-576
VT 008 997 809
Papers Presented at the Research Workshop for Teachers and Administrators in Vocational Education. 1969.

PUBLIC SUPPORT
VT 003 902 793
Training of Public Assistance Recipients under the MDTA.

PUERTO RICANS
VT 008 774 776
Labor Force Experience ov the Puerto Rican Worker.

QUALIFICATIONS
VT 003 595 767
Opportunities in Apprenticeship and Skilled Trades in Iowa.

QUESTION ANSWER INTERVIEWS
VT 007 225 820
An Interview with Your Coordinator of Vocational Guidance.

PAGE

RACIAL DIFFERENCES
VT 007 340 771
Perception of Job Opportunities Among Low-Income Groups in Missouri.

RECRUITMENT
VT 006 165 749
Public Information to Assist in Recruitment for Occupational Programs.
VT 009 073 778
Guide to Recruitment and Selection for Manual Jobs.

REFRESHER COURSES
VT 008 283 775
Re-Employment Factors of Inactive Nurses in Wisconsin.

REGIONAL REHABILITATION RESEARCH INSTITUTE
VT 010 149 ED 032 576 815
Six Years of Rehabilitation Research: Studies of Personnel in Health Related Professions, Client Motivation, and Research Utilization.

REHABILITATION
VT 008 848 ED 031 576 797
Differences That Make the Difference.
VT 008 849 798
Differences That Make the Difference. Summary.
VT 009 936 ED 035 732 802
An Annotated Bibliography on the Employment of Disadvantaged Youth, 1960-1966.
VT 010 149 ED 032 576 815
Six Years of Rehabilitation Research: Studies of Personnel in Health Related Professions, Client Motivation, and Research Utilization.

REHABILITATION PROGRAMS
VT 002 705 792
Vocational Rehabilitation of Disabled Public Assistance Clients (Johnson, Martin, and Lawrence Counties).
VT 002 715 792
Vocational Rehabilitation of Disabled Public Assistance Clients. Leslie, Harlan and Bell Counties.
VT 007 192 795
Minutes. Annual Meeting, 1967.

RESEARCH
VT 008 836 ED 036 617 797
Research in Correctional Rehabilitation.
VT 008 837 797
Research in Correctional Rehabilitation. Summary.

SUBJECT AND IDENTIFIER INDEX

PAGE

RESEARCH APPROACHES TO THE INITIATION OF NEW VOCATIONAL-TECHNICAL PROGRAMS CONFERENCE, MADISON, WISCONSIN, OCTOBER 3-7, 1966
VT 004 401 748
Research Approaches to the Initiation of New Vocational-TechnicalPrograms; Conference, 1966.

RESEARCH COORDINATING UNITS
VT 007 586 808
Research Utilization. Report of a Conference. 1968.
VT 008 659 809
Support for Research and Development of Innovative Approaches to Vocational Education.
VT 009 780 ED034 848 811
Kansas Vocational Education Research Coordinating Unit.
VT 009 784 ED 034 849 811
A Continuation of Support for the Coordinating Unit for Occupational Research in the California State Department of Education.
VT 009 785 ED 034 065 811
Continuation of Arizona Occupational Research Coordinating Unit.
VT 009 786 ED 034 850 811
The Texas Occupational Research Coordinating Unit.
VT 009 787 ED 034 851 812
Establishment of an Occupational Research and Development Coordinating Unit for the State of Rhode Island.
VT 009 791 ED 034 068 812
Alabama Research Coordinating Unit for Vocational and Technical Education.
VT 009 796 ED 034 072 812
The Establishment of a State Research Coordinating Unit in Vocational Education in Pennsylvania.
VT 009 934 ED 034 878 812
Delaware Occupational Research Coordinating Unit.
VT 009 980 ED 034 883 813
The Establishment and Development of a Research Coordinating Unit in Occupational Education in North Carolina.
VT 010 093 ED 034 889 813
The Continuation of Federal Support for the New York State Research Coordinating Unit for Vocational Education.
VT 010 094 ED 034 890 813
Continuation of the Kentucky Research Coordinating Unit.
VT 010 096 ED 034 892 813
Ohio Occupational Research and Development Coordinating Unit.
VT 010 097 ED 034 893 814
The Establishment of a Research Coordinating Unit for Vocational Education in Wyoming and Addendum No. 3. Bibliography of Research Coordinating Unit Educational Materials.
VT 010 100 ED 034 896 814
Minnesota Research Coordinating Unit for Vocational Education.
VT 010 101 ED 034 897 814
Indiana Research Coordinating Unit.
VT 010 153 ED 034 900 815
Oregon Research Coordinating Unit for Vocational Education.
VT 010 165 ED 035 757 815
Activities of the Nebraska Research Coordinating Unit for Vocational Education.
VT 010 247 ED 035 766 816
A Program of Research and Development for Tennessee Designed to Bring Together All Available Research Resources to Support A Continuing Program of Vocational Education.
VT 010 248 ED 035 767 816
Utah Coordinating Unit for Research in Vocational and Technical Education.
VT 010 303 ED 036 637 817
Nevada State Occupational Research Coordinating Unit.
VT 010 358 ED 035 774 818
Continuation of the Colorado Research Coordinating Unit.

RESEARCH NEEDS
VT 008 997 809
Papers Presented at the Research Workshop for Teachers and Administrators in Vocational Education. 1969.

RESEARCH PLANNING SEMINAR IN DISTRIBUTIVE EDUCATION
VT 009 805 ED 035 720 812
A Plan for Research in Distributive Education; Report of a Research Planning Seminar.

RESEARCH PROBLEMS
VT 007 586 808
Research Utilization. Report of a Conference. 1968.

RESEARCH PROJECTS
VT 007 309 808
Abstracts of Research in Agricultural Education 1965-66.
VT 007 843 808
Research in Programs in Agricultural Education.
VT 007 930 809
Research Studies in Programs in Agricultural Education in the North Atlantic Region, 1968-69.

PAGE

VT 009 641 ED 034 042 800
Guided Occupational Training. A Vocational Work Experience Program for Intellectually Limited and Educationally Handicapped Students.
VT 009 786 ED 034 850 811
The Texas Occupational Research Coordinating Unit.
VT 009 787 ED 034 851 812
Establishment of an Occupational Research and Development Coordinating Unit for the State of Rhode Island.
VT 009 796 ED 034 072 812
The Establishment of a State Research Coordinating Unit in Vocational Education in Pennsylvania.
VT 009 980 ED 034 883 813
The Establishment and Development of a Research Coordinating Unit in Occupational Education in North Carolina.
VT 010 093 ED 034 889 813
The Continuation of Federal Support for the New York State Research Coordinating Unit for Vocational Education.
VT 010 094 ED 034 890 813
Continuation of the Kentucky Research Coordinating Unit.
VT 010 101 ED 034 897 814
Indiana Research Coordinating Unit.
VT 010 149 ED 032 576 815
Six Years of Rehabilitation Research: Studies of Personnel in Health Related Professions, Client Motivation, and Research Utilization.
VT 010 153 ED 034 900 815
Oregon Research Coordinating Unit for Vocaticnal Education.
VT 010 180 ED 036 629 815
Manpower Research Projects Sponsored by the U.S. Department of Labor, Manpower Administration Through June 30, 1969.
VT 010 230 ED 035 762 816
Research Related to the Disadvantaged and Research Strategies for the Seventies.
VT 010 248 ED 035 767 816
Utah Coordinating Unit for Research in Vocational and Technical Education.
VT 010 295 ED 036 635 816
Summaries of Studies in Agricultural Education, Pacific Region, 1968-69. An Annotated Bibliography of Studies in Agricultural Education.
VT 010 303 ED 036 637 817
Nevada State Occupational Research Coordinating Unit.
VT 010 322 ED 036 642 818
Summaries of Studies in Agricultural Education, Central Region 1968-69. An Annotated Bibliography of Studies in Agricultural Education.
VT 010 328 ED 036 644 818
Abstracts of Research Studies in Agricultural Education Completed in 1968-69 in the North Atlantic Region.
VT 010 358 ED 035 774 818
Continuation of the Colorado Research Coordinating Unit.

RESEARCH PROPOSALS
VT 008 659 809
Support for Research and Development of Innovative Approaches to Vocational Education.

RESEARCH REVIEWS (PUBLICATIONS)
VT 009 748 ED 034 060 810
Research Visibility: Comprehensive Planning.
VT 009 752 ED 034 061 810
Intensive Training for Job Entry Skills: A Selected Bibliography for Use in Program Development.
VT 009 753 ED 034 062 810
Work Experience for Broadening Occupational Offerings: A Selected Bibliography for Use in Program Development.
VT 009 806 ED 034 855 822
Role of High School Vocational Agriculture in Occupational Decision Making.
VT 009 979 ED 034 882 823
Research Visibility: Guidance and New Careers.
VT 010 109 ED 034 898 814
Review and Synthesis of Research in Industrial Arts Education.
VT 010 304 ED 036 638 817
Review and Synthesis of Research in Trade and Industrial Education. Second Edition.
VT 010 306 ED 036 639 817
Review and Synthesis of Research in Technical Education. Second Edition.
VT 010 317 ED 036 641 817
Research Visibility: Vocational Education Curriculum.

RESEARCH TOOLS
VT 006 601 808
The Adaptation of PERT for Coordinating Interdisciplinary Manpower Research in a University Setting.

RESEARCH UTILIZATION
VT 007 586 808
Research Utilization. Report of a Conference. 1968.

SUBJECT AND IDENTIFIER INDEX

PAGE

RESEARCHERS
VT 007 478 808
Report of an Evaluation of a Summer Institute for Training Researchers in Occupational Education.

RESOURCE GUIDES
VT 002 690 820
Ohio Vocational Education Notebook.
VT 007 613 826
A Guide for the Preparation of Resource Units for Use by Vocational Agriculture Teachers.

RESOURCE MATERIALS
VT 002 690 820
Ohio Vocational Education Notebook.
VT 006 465 836
Selected References on Homemaker-Health Aide Services.
VT 008 662 836
Source Book of Research Titles and Related Materials in Vocational-Technical Education, 1968-69.

RESOURCE UNITS
VT 007 613 826
A Guide for the Preparation of Resource Units for Use by Vocational Agriculture Teachers.

RESOURCES
VT 005 863 749
Vocational Rehabilitation Needs and Resources in Eastern Kentucky.

RETRAINING
VT 006 694 769
Manpower Planning for Technological Change.

ROLE PLAYING
VT 008 225 833
Role Play in New Careers Training.

RURAL AREAS
VT 003 900 767
The Labor Force Characteristics of Women in Low-Income Rural AreaS of the South.

SAN JOAQUIN VALLEY
VT 008 669 822
Putting the Pieces Together. An Inventory of Occupational Training.

SCHEDULING
VT 008 881 790
A Report on the Use of Buildings and Equipment.

PAGE

SCHOOL ADMINISTRATION
VT 009 475 ED 033 226 790
A Comprehensive Concept for Vocational Education Facilities: Introduction, Flexibility through Modularity, Space Determination, Schematic Modernization, A School Planner's Guide to the Pittsburgh Building Code, Appendixes.

SCHOOL HOLDING POWER
VT 010 324 ED 036 643 824
Nurse Tutoring Study of the City University of New York; Interim Progress Report.

SCHOOL INDUSTRY RELATIONSHIP
VT 004 401 748
Research Approaches to the Initiation of New Vocational-TechnicalPrograms; Conference, 1966.
VT 006 123 749
Proceedings of the Annual American Industrial-Technical Education Conference. 1967.
VT 006 393 750
A Summary of a Research Study Entitled--Implications of Vocational Education for Plant Site Location.
VT 007 292 821
Determining Employment Needs, Educational Feasibilities, and Potential Enrollments in Occupational Home Economics at the Post-Secondary Level in Oklahoma.
VT 007 410 752
What Is the Responsibility of Business in Modernizing Education?.
VT 007 829 ED 036 612 785
Use of Industry-Advisory Committees as a Technique for Evaluating Vocational and Technical Education Programs.

SCHOOL PLANNING
VT 009 199 ED 033 210 790
Involvement of the Industrial Arts Teacher in Planning Industrial Arts Facilities.
VT 009 475 ED 033 226 790
A Comprehensive Concept for Vocational Education Facilities: Introduction, Flexibility through Modularity, Space Determination, Schematic Modernization, A School Planner's Guide to the Pittsburgh Building Code, Appendixes.

SCHOOL ROLE
VT 007 247 804
The Role of the University in Community College Technical EduCation.

SUBJECT AND IDENTIFIER INDEX

PAGE

SCHOOL SURVEYS
VT 005 425 768
Nebraska's Nurse Supply, Needs and Resources--1966.
VT 007 693 753
Survey to Assess the Needs of Post-Secondary Vocational Training in the Western Half of New York State.
VT 007 869 754
Progress Report of the Governor's Committee on Vocational-Technical Education.

SCHOOLS
VT 008 019 755
Let's Be Practical About a Nursing Career.

SECONDARY EDUCATION
VT 007 933 754
Public Elementary and Secondary School Education Needs. Vol. 1.

SECONDARY GRADES
VT 006 568 751
Program Summaries of the Annual Industrial Education Conference. 1966.
VT 009 806 ED 034 855 822
Role of High School Vocational Agriculture in Occupational Decision Making.

SECONDARY SCHOOL STUDENTS
VT 010 403 ED 036 651 824
A One-Week Institute to Develop Objectives and Models for a Continuous Exploratory Program Related to the World of Work from Junior High Through Senior High School.

SELECTION
VT 009 073 778
Guide to Recruitment and Selection for Manual Jobs.

SELF EVALUATION
VT 008 202 785
Assessment Guidelines for Programs Under the Vocational Education Act of 1963.

SEMINAR ON PROBLEMS OF MANPOWER PLANNING, DEVELOPMENT, UTILIZATION, DISTRIBUTION, AND ADMINISTRATION, WASHINGTON, D.C., JUNE 3-SEPTEMBER 6, 1963
VT 002 664 747
Seminar on Problems of Manpower Planning, Development, Utilization, Distribution and Administration, 1963.

PAGE

SEMINAR ON THE IMPLICATIONS OF CULTURAL DIFFERENCES FOR CORRECTIONS, WASHINGTON, D.C., JANUARY 30-31, 1967
VT 008 848 ED 031 576 797
Differences That Make the Difference.

SERVICE OCCUPATIONS
VT 002 493 747
Recruiting and Training Employees in the Service Industries.
VT 007 231 795
Final Report and Evaluation of the Women's Talent Corps New Careers Program 1966-67.
VT 010 370 ED 036 645 781
Composite Profiles of Agricultural Machinery Service Occupations.

SERVICE WORKERS
VT 002 495 747
Employee Motivation and Work Incentives in the Service Industries.
VT 006 166 749
Potentials of a Centralized Community Homemaker Service.

SIMULATION
VT 009 670 ED 034 047 828
Practicum for Simulated Methods in Office Occupations Education.

SKILL ANALYSIS
VT 007 258 784
Analyzing Vocational Competencies in Auto Mechanics.

SKILL DEVELOPMENT
VT 009 627 ED 034 041 800
A Selected Bibliography on Training in Correctional Institutions.
VT 009 752 ED 034 061 810
Intensive Training for Job Entry Skills: A Selected Bibliography for Use in Program Development.

SKILLED OCCUPATIONS
VT 003 595 767
Opportunities in Apprenticeship and Skilled Trades in Iowa.
VT 007 361 771
A Survey of Need for a Fishery and Marine Resources Technology Program at College of the Redwoods.

SKILLED WORKERS
VT 009 614 ED 034 039 786
Benefit-Cost Analysis of TAT Phase I Worker Training. Training and Technology Project. Special Report.

SUBJECT AND IDENTIFIER INDEX

PAGE

SLOW LEARNERS
VT 007 349 833
A Study of the Comparative Teaching Efficiency of a Multi-Media Instructional System Versus the Traditional Lecture Method for Youth Who Have Academic and Socioeconomic Handicaps.

SOCIAL SERVICES
VT 006 413 751
Homemaker Home Health Aide-Services for Families with a Mentally Retarded Member.
VT 007 758 ED 036 611 772
Implications of Career Openings in Social Welfare Occupations for Priorities in Vocational-Technical Education.

SOCIAL VALUES
VT 006 331 ED 034 017 768
Moonlighters in a Tight Labor Market.

SOCIOECONOMIC INFLUENCES
VT 008 774 776
Labor Force Experience ov the Puerto Rican Worker.

SOUND FILMS
VT 006 414 832
An Experimental Evaluation of Selected Presentation Modes in the Self-Instruction of a Manipulative Industrial Arts Learning Task.

SPACE UTILIZATION
VT 008 881 790
A Report on the Use of Buildings and Equipment.

SPECIAL EDUCATION TEACHERS
VT 009 816 ED 034 857 801
A Study of Industrial Arts Activities for Educable Mentally Retarded Junior High School Youth.

SPEECHES
VT 005 153 ED 036 607 762
The Application of Criteria in Practical Nursing Programs: Papers Presented at the Conference of the Council of Member Agencies of the Department of Practical Nursing Programs. 1966.
VT 008 997 809
Papers Presented at the Research Workshop for Teachers and Administrators in Vocational Education. 1969.
VT 009 806 ED 034 855 822
Role of High School Vocational Agriculture in Occupational Decision Making.
VT 009 868 788
Evaluation of Vocational-Technical Education Program Effectiveness.

PAGE

STAFF ROLE
VT 007 225 820
An Interview with Your Coordinator of Vocational Guidance.

STAFF UTLIIZATION
VT 008 881 790
A Report on the Use of Buildings and Equipment.

STANDARDS
VT 008 013 804
Statements Regarding Practical Nursing and Practical Nursing Education.

STATE CURRICULUM GUIDE
VT 007 442 785
An Evaluation of The Curriculum Guide for Home Economics in New Hampshire Grades 9-12.

STATE DEPARTMENTS OF EDUCATION
VT 007 586 808
Research Utilization. Report of a Conference. 1968.
VT 008 758 809
Priority Research and Development Needs in Vocational Education in California.

STATE LEGISLATION
VT 007 654 753
Statutes Concerning Technical Institutes and Community Colleges.
VT 009 909 ED 034 871 780
Occupational Licensing and the Supply of Nonprofessional Manpower.

STATE PROGRAMS
VT 001 624 746
Vocational-Technical Education in Washington.
VT 005 863 749
Vocational Rehabilitation Needs and Resources in Eastern Kentucky.
VT 007 659 753
Report and Recommendations of the State Advisory Committee for Development of Vocational Education in Idaho Public Secondary Schools.
VT 007 869 754
Progress Report of the Governor's Committee on Vocational-Technical Education.
VT 008 149 756
Vocational and Technical Education in Rhode Island--1969-1975.
VT 008 595 809
Research for Career Education: The Arizona Cooperative Program for Vocational-Technical Research.
VT 008 873 805
The Challenge of Change; The Role of Occupational Education in Oregon.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 009 785 ED 034 065 811
Continuation of Arizona Occupational Research Coordinating Unit.
VT 009 791 ED 034 068 812
Alabama Research Coordinating Unit for Vocaticnal and Technical Education.
VT 009 795 ED 034 853 787
A Guide to Evaluation; Massachusetts Information Feedback System for Vocational Education. First Technical Progress Report.
VT 009 796 ED 034 072 812
The Establishment of a State Research Coordinating Unit in Vocational Education in Pennsylvania.
VT 009 864 ED 036 621 759
The Proprietary School in Oregon.
VT 009 934 ED 034 878 812
Delaware Occupational Research Coordinating Unit.
VT 010 165 ED 035 757 815
Activities of the Nebraska Research Coordinating Unit for Vocational Education.
VT 010 204 ED 035 760 815
Research Coordinating Unit for Vocational Education in Oklahoma.

STATE SURVEYS
VT 007 261 770
Occupational Demand in Indiana.
VT 007 561 ED 034 018 762
Data Processing Education in the Schools of Pennsylvania, 1967-1968.
VT 007 969 754
Study of Nursing Education in Tennessee.
VT 008 283 775
Re-Employment Factors of Inactive Nurses in Wisconsin.
VT 008 978 777
Report of the Study of Staff Nurse Position Responsibilities in Iowa General Hospital.

STATISTICAL ANALYSIS
VT 003 433 766
Women Workers in Illincis.
VT 009 614 ED 034 039 786
Benefit-Cost Analysis of TAT Phase I Worker Training. Training and Technology Project. Special Report.
VT 009 690 ED 034 055 786
Cost Effectiveness Analysis of Vocational-Technical Education Programs.
VT 010 099 ED 034 895 788
Education and Economic Growth in Iowa.

STATISTICAL DATA
VT 002 216 746
Statistical Information on the Registration and Education of Professional and Practical Nurses.
VT 009 887 ED 035 726 759
Annual Report on Dental Auxiliary Education, 1967/68.
VT 010 058 ED 035 737 760
Annual Report on Dental Auxiliary Education, 1968/69.

STATISTICAL STUDIES
VT 010 099 ED 034 895 788
Education and Economic Growth in Iowa.

STUDENT ATTITUDES
VT 008 275 785
A Study to Determine the Adequacy of the Vocational Education Programs at the White Mountains Regional High School.
VT 008 739 804
Determining Group Perceptions of Vocational School Characteristics.

STUDENT CHARACTERISTICS
VT 004 401 748
Research Approaches to the Initiation of New Vocational-TechnicalPrograms; Conference, 1966.
VT 006 714 795
The Minneapolis Work Opportunity Center. May, 1966 to June, 1968.
VT 010 116 824
Pilot Programs in Vocational Agriculture. Report No. 2, Characteristics of Students Enrolled in Wisconsin Vocational Agriculture Pilot Programs, 1968-1969.

STUDENT ENROLLMENT
VT 008 248 756
Achievement Report on Area Vocational-Technical School Development, 1963 to June 30, 1968.

STUDENT EXPERIENCE
VT 006 298 820
Experiences of Iowa Senior High School Girls in Housing.

STUDENT INTERESTS
VT 007 243 821
A Survey of Vocational Education Interest Among Sophomores in Six Iron Range School Districts.
VT 007 809 772
Student Interest and Employment Opportunities in the Field of Ornamental Horticulture in Pickens County, South Carolina.

STUDENT NEEDS
VT 007 832 833
Young Women in Fort Collins, Colorado.

SUBJECT AND IDENTIFIER INDEX

		PAGE
STUDENTS		
VT 003 902		793
Training of Public Assistance Recipients under the MDTA.		
VT 008 244		796
Vocational-Technical Education Brings Success to These Tennesseans. Volumes I and II.		
SUBPROFESSIONALS		
VT 001 231		792
New Careers and Model Cities: A Partnership for Human Renewal.		
VT 004 015		762
Civil Engineering Technology.		
VT 007 295		796
Career-Oriented Training.		
VT 008 053		772
New Careers Potentials in Health: In the Hospital.		
VT 008 065		773
New Careers Potentials in Health: Beyond the Hospital.		
VT 008 225		833
Role Play in New Careers Training.		
SUCCESS FACTORS		
VT 008 244		796
Vocational-Technical Education Brings Success to These Tennesseans. Volumes I and II.		
SUMMER INSTITUTES		
VT 002 678		826
Institute Interest of Technical, Trade and Industrial Teachers of Colorado.		
SUPERVISED FARM PRACTICE		
VT 009 843	ED 034 864	828
Implementing a New Concept of Supervised Practice in Vocational Agriculture.		
SUPERVISORY METHODS		
VT 002 495		747
Employee Motivation and Work Incentives in the Service Industries.		
SUPERVISORY TRAINING		
VT 002 493		747
Recruiting and Training Employees in the Service Industries.		
SURVEYS		
VT 001 967		792
The Employment Adjustment of Veterans with Histories of Psychosisand Psychoneurosis. Technical Report.		
VT 004 837		794
They Return to Work. The Job Adjustment of Psychiatrically Disabled Veterans of World War II and Korean Conflict.		
VT 008 903		786
Opinions of Ninth and Twelfth Grade Girls and Young Homemakers as to Knowledge and Competencies Needed for Roles as Homemakers.		
VT 010 066	ED 035 739	780
Work Experience of Certified Laboratory Assistants.		
VT 010 503	ED 036 658	836
Law Enforcement Education.		
SYNTHESIS		
VT 010 109	ED 034 898	814
Review and Synthesis of Research in Industrial Arts Education.		
VT 010 304	ED 036 638	817
Review and Synthesis of Research in Trade and Industrial Education. Second Edition.		
VT 010 306	ED 036 639	817
Review and Synthesis of Research in Technical Education. Second Edition.		
TABLES (DATA)		
VT 008 160		774
Estimates and Projections of the Labor Force and Civilian Employment in the U.S.S.R.; 1950-1975.		
VT 008 780		776
Manpower in Oklahoma: Northwest Region.		
VT 008 819		777
Work Experience in Puerto Rico: Calendar Yeaz 1968.		
VT 009 018		778
A Study of the Educational and Training Content of Occupations, 1966.		
VT 009 260	ED 034 023	763
Testing an Empirical Procedure for Identifying Technical Associative Conceptual Structure: Discriminating Between Workmen Within and Between Two Occupations.		
VT 009 519	ED 034 026	799
Working Children.		
VT 009 664	ED 034 046	806
Vocational Education--General Education Situation Study.		
TAPE RECORDINGS		
VT 009 623	ED 034 040	827
The Feasibility of Audiotape-Telephone Supervision of High School Teachers.		
TASK ANALYSIS		
VT 010 156	ED 035 754	780
Develop New Careers Ladders, With Appropriate Education ComponentS, In the Administration of Justice. Technical Report.		
TEACHER AIDES		
VT 009 395	ED 032 282	827
Teacher-Assistant Cooperative Training; K Through 8 Grades.		

SUBJECT AND IDENTIFIER INDEX

PAGE

TEACHER ATTITUDES
VT 007 217 752
Research and Development Program in Vocational-Technical Education; Seminar in Distributive Teacher Education (1967).
VT 008 739 804
Determining Group Perceptions of Vocational School Characteristics.
VT 009 853 ED 035 725 828
Effecting Attitudinal Changes in Industrial Arts Education.

TEACHER DEVELOPED MATERIALS
VT 009 184 834
Slide-Tape Self-Instruction Versus Traditional Group Demonstrations in Teaching College Level Metalwork.

TEACHER EDUCATION
VT 006 568 751
Program Summaries of the Annual Industrial Education Conference. 1966.
VT 007 613 826
A Guide for the Preparation of Resource Units for Use by Vocational Agriculture Teachers.
VT 009 409 ED 034 025 764
Industry-Education Mutual Involvement in Industrial Teacher Preparation and Upgrading.
VT 009 650 ED 034 843 828
Competencies of Vocational Teachers.
VT 010 189 ED 035 759 829
An Evaluation of the Preparation of the Industrial Arts Teacher Education Graduates at Colorado State University, 1957 through 1967.

TEACHER EDUCATION CURRICULUM
VT 009 650 ED 034 843 828
Competencies of Vocational Teachers.
VT 010 191 ED 036 630 829
An Identification of Fluid Power Instructional Goals and Content for Industrial Education Teacher Preparation.

TEACHER EDUCATORS
VT 008 299 827
Directory of College and University Professional Personnel Who Teach Shop, Mechanics, or Related Courses to Agricultural Education Students.

TEACHER EXCHANGE PROGRAMS
VT 008 825 827
Report by Advisory Committee on a Pilot Scheme for the Exchange of Nurse Teachers.

PAGE

TEACHER IMPROVEMENT
VT 002 678 826
Institute Interest of Technical, Trade and Industrial Teachers of Colorado.

TEACHER QUALIFICATIONS
VT 008 013 804
Statements Regarding Practical Nursing and Practical Nursing Education.
VT 009 650 ED 034 843 828
Competencies of Vocational Teachers.

TEACHER SUPERVISION
VT 009 623 ED 034 040 827
The Feasibility of Audiotape-Telephone Supervision of High School Teachers.

TEACHER WORKSHOPS
VT 007 481 826
Workshop Guidelines to Prepare Inservice Educators for Health-Care Agencies.

TEACHING METHODS
VT 008 225 833
Role Play in New Careers Training.
VT 008 814 ED 034 020 833
Study of Training Equipment and Individual Differences: The Effects of Subject Matter Variables. Report and Supplementary Report.
VT 009 819 ED 035 722 834
An Experiment to Evaluate the Relative Effectiveness of Two Approaches to Teaching College Algebra in Achieving Selected Objectives of College Algebra in Industrial Technology/Curricula.

TEACHING SKILLS
VT 006 568 751
Program Summaries of the Annual Industrial Education Conference. 1966.

TEACHING TECHNIQUES
VT 006 714 795
The Minneapolis Work Opportunity Center. May, 1966 to June, 1968.

TECHNICAL EDUCATION
VT 000 477 784
A Study of Vocational-Technical Education for High School Age Students in Clackamas County.
VT 001 624 746
Vocational-Technical Education in Washington.
VT 004 015 762
Civil Engineering Technology.
VT 006 165 749
Public Information to Assist in Recruitment for Occupational Programs.

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 007 231 795
Final Report and Evaluation of the Women's Talent Corps New Careers Program 1966-67.

VT 007 247 804
The Role of the University in Community College Technical Education.

VT 007 261 770
Occupational Demand in Indiana.

VT 008 028 755
Vocational Education in Utah.

VT 008 096 755
Engineering Manpower; Educational and Training Preparation of Technicians.

VT 008 149 756
Vocational and Technical Education in Rhode Island--1969-1975.

VT 008 248 756
Achievement Report on Area Vocational-Technical School Development, 1963 to June 30, 1968.

VT 008 281 757
A Report on a Summary and Recommendations Adapted from West Virginia Legislative Study of Vocational, Technical, and Adult Education. 1967.

VT 008 595 809
Research for Career Education: The Arizona Cooperative Program for Vocational-Technical Research.

VT 009 231 822
Education for Nursing--the Diploma Way.

VT 009 587 ED 034 036 778
International Standard Classification of Occupations.

VT 009 690 ED 034 055 786
Cost Effectiveness Analysis of Vocational-Technical Education Programs.

VT 009 767 ED 034 846 822
Technical Education Curriculums in Agriculture and Natural Resources in the United States of America.

VT 009 902 ED 034 870 764
An Approach to the Teaching of Psychiatric Nursing in Diploma and Associate Degree Programs.

VT 010 303 ED 036 637 817
Nevada State Occupational Research Coordinating Unit.

VT 010 306 ED 036 639 817
Review and Synthesis of Research in Technical Education. Second Edition.

VT 010 324 ED 036 643 824
Nurse Tutoring Study of the City University of New York; Interim Progress Report.

VT 011 173 (See Aug '70 RIE) 837
Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.

VT 011 200 (See Aug '70 RIE) 837
Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.

TECHNICAL INSTITUTES
VT 007 654 753
Statutes Concerning Technical Institutes and Community Colleges.

VT 008 881 790
A Report on the Use of Buildings and Equipment.

TECHNOLOGICAL ADVANCEMENT
VT 003 974 767
Technological Change and Employment in the Automotive Industry.

VT 004 909 ED 034 841 767
Geographical and Occupational Mobility of Workers in the Aircraft and Electronics Industries, Regional Trade Union Seminar, 1966.

VT 006 158 768
Computers on the Factory Floor--A Layoff Study.

VT 006 694 769
Manpower Planning for Technological Change.

TECHNOLOGY FOR CHILDREN PROJECT
VT 007 316 ED 036 609 762
Design for Learning; 1967 Summer Institute of Technology for Children.

TELEPHONE COMMUNICATIONS INDUSTRY
VT 006 694 769
Manpower Planning for Technological Change.

TEXTBOOKS
VT 008 543 ED 036 615 796
Selected Bibliography of Books, Pamphlets, Periodicals, and Curriculum Guides in Work Study for the Educable Retarded.

THE ANATOMY OF DECISION MAKING AS IT RELATES TO OCCUPATIONAL AND EDUCATIONAL CHOICES OF RURAL YOUTH, CHICAGO, ILLINOIS, OCTOBER 9, 1969
VT 009 806 ED 034 855 822
Role of High School Vocational Agriculture in Occupational Decision Making.

THE NATIONAL CONFERENCE ON EDUCATION AND CAREER DEVELOPMENT OF THE NATIONAL COMMITTEE FOR CAREERS IN MEDICAL TECHNOLOGY, COLLEGE PARK, MARYLAND, OCTOBER 11-13, 1967
VT 009 910 ED 034 872 759
Manpower for the Medical Laboratory.

SUBJECT AND IDENTIFIER INDEX

PAGE

THE PRESIDENT'S COMMITTEE ON EMPLOYMENT OF THE HANDICAPPED, WASHINGTON, D.C., APRIL 27-28, 1967
VT 007 192 795
Minutes. Annual Meeting, 1967.

THEORETICAL AND EMPIRICAL ANALYSIS
VT 009 798 ED 035 719 787
Appraising Selected Manpower Training Programs in the Los Angeles Area.

TRADE AND INDUSTRIAL EDUCATION
VT 002 848 790
At Last, for That Limited Budget, A Testing Machine within Reach of All.
VT 006 123 749
Proceedings of the Annual American Industrial-Technical Education Conference. 1967.
VT 006 143 820
Careers in the Quantity Food Industry.
VT 006 568 751
Program Summaries of the Annual Industrial Education Conference. 1966.
VT 006 569 832
Program Summaries of the Annual Industrial Education Conference, 1965.
VT 007 349 833
A Study of the Comparative Teaching Efficiency of a Multi-Media Instructional System Versus the Traditional Lecture Method for Youth Who Have Academic and Socioeconomic Handicaps.
VT 009 260 ED 034 023 763
Testing an Empirical Procedure for Identifying Technical Associative Conceptual Structure: Discriminating Between Workmen Within and Between Two Occupations.
VT 009 814 834
A Comparison of the Achievement of Vocational Auto-Mechanics Students in First Year Day Trade with Students in First Year Industrial Cooperative Training.
VT 009 839 ED 034 863 758
Profiles of Trade and Technical Leaders: Comprehensive Report.
VT 010 304 ED 036 638 817
Review and Synthesis of Research in Trade and Industrial Education. Second Edition.

TRAINING
VT 009 614 ED 034 039 786
Benefit-Cost Analysis of TAT Phase I Worker Training. Training and Technology Project. Special Report.
VT 009 627 ED 034 041 800
A Selected Bibliography on Training in Correctional Institutions.
VT 010 065 ED 035 738 788
Films on Jobs, Training, and the Ghetto; An Evaluative Guide.

TRAINING AND TECHNOLOGY PROJECT PHASE I
VT 009 614 ED 034 039 786
Benefit-Cost Analysis of TAT Phase I Worker Training. Training and Technology Project. Special Report.

TRAINING TECHNIQUES
VT 002 493 747
Recruiting and Training Employees in the Service Industries.

TRANSPORTATION
VT 009 544 ED 036 619 805
The Implications of Job Opportunities in Transportation for Priorities in Vocational-Technical Education. Working Paper.

TUTORIAL PROGRAMS
VT 010 324 ED 036 643 824
Nurse Tutoring Study of the City University of New York; Interim Progress Report.

UNEMPLOYED
VT 008 092 796
Unemployed Out-of-School Youth Survey.
VT 009 256 799
Background and Economic Status of Unemployed Negroes of Tampa, Florida and Their Opinions Regarding Training, Retraining, and Relocation for Work.
VT 010 237 ED 035 763 802
The Training and Placement of Older Workers: An Evaluation of Four Community Projects.

UNION OF SOVIET SOCIALIST REPUBLICS
VT 008 160 774
Estimates and Projections of the Labor Force and Civilian Employment in the U.S.S.R.; 1950-1975.

UNIVERSITIES
VT 007 247 804
The Role of the University in Community College Technical Education.

URBAN YOUTH
VT 008 092 796
Unemployed Out-of-School Youth Survey.

VALIDITY
VT 009 260 ED 034 023 763
Testing an Empirical Procedure for Identifying Technical Associative Conceptual Structure: Discriminating Between Workmen Within and Between Two Occupations.

SUBJECT AND IDENTIFIER INDEX

PAGE

VETERANS
VT 001 967 792
The Employment Adjustment of Veterans with Histories of Psychosisand Psychoneurosis. Technical Report.
VT 004 837 794
They Return to Work. The Job Adjustment of Psychiatrically Disabled Veterans of World War II and Korean Conflict.

VETERANS EDUCATION
VT 004 748 793
To Work Again...To Live Again. The Vocational Rehabilitation of Homebound Veterans.

VISITING HOMEMAKERS
VT 006 166 749
Potentials of a Centralized Community Homemaker Service.
VT 006 325 750
Homemaker Services--History and Bibliography.
VT 006 413 751
Homemaker Home Health Aide-Services for Families with a Mentally Retarded Member.
VT 006 465 836
Selected References on Homemaker-Health Aide Services.
VT 008 131 755
Homemaker Services for Families and Individuals.

VOCATIONAL ADJUSTMENT
VT 001 967 792
The Employment Adjustment of Veterans with Histories of Psychosisand Psychoneurosis. Technical Report.
VT 004 837 794
They Return to Work. The Job Adjustment of Psychiatrically Disabled Veterans of World War II and Korean Conflict.
VT 009 534 800
Work Evaluation and Work Adjustment.

VOCATIONAL AGRICULTURE
VT 007 980 804
Vocational Agriculture Course Objectives and Occupational Work Experience.
VT 009 806 ED 034 855 822
Role of High School Vocational Agriculture in Occupational Decision Making.
VT 009 843 ED 034 864 828
Implementing a New Concept of Supervised Practice in Vocational Agriculture.

PAGE

VT 010 116 824
Pilot Programs in Vocational Agriculture. Report No. 2, Characteristics of Students Enrolled in Wisconsin Vocational Agriculture Pilot Programs, 1968-1969.

VOCATIONAL AGRICULTURE TEACHERS
VT 007 613 826
A Guide for the Preparation of Resource Units for Use by Vocational Agriculture Teachers.

VOCATIONAL COUNSELING
VT 006 143 820
Careers in the Quantity Food Industry.
VT 006 168 750
Report of Vocational Needs Study Committee.
VT 007 225 820
An Interview with Your Coordinator of Vocational Guidance.
VT 009 169 763
Directory of Courses Offered in Area Vocational-Technical Schools.
VT 009 544 ED 036 619 805
The Implications of Job Opportunities in Transportation for Priorities in Vocational-Technical Education. Working Paper.

VOCATIONAL DEVELOPMENT
VT 001 231 792
New Careers and Model Cities: A Partnership for Human Renewal.
VT 002 651 ED 036 605 820
The Conference on Unexplored Aspects of the Development of Occupational Goals of Youth, 1965.
VT 007 295 796
Career-Oriented Training.
VT 009 806 ED 034 855 822
Role of High School Vocational Agriculture in Occupational Decision Making.

VOCATIONAL DIRECTORS
VT 008 758 809
Priority Research and Development Needs in Vocational Education in California.
VT 009 842 ED 035 724 758
Second National Leadership Development Seminar for State Directors of Vocational Education.

VOCATIONAL EDUCATION
VT 000 477 784
A Study of Vocational-Technical Education for High School Age Students in Clackamas County.
VT 001 231 792
New Careers and Model Cities: A Partnership for Human Renewal.
VT 001 624 746
Vocational-Technical Education in Washington.

PAGE

VT 002 214 746
Report of the Annual Conference on Industrial Education. 1967.

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Montcalm County Vocational-Technical Education Study.

VT 002 664 747
Seminar on Problems of Manpower Planning, Development, Utilization, Distribution and Administration, 1963.

VT 002 690 820
Ohio Vocational Education Notebook.

VT 004 401 748
Research Approaches to the Initiation of New Vocational-TechnicalPrograms; Conference, 1966.

VT 006 165 749
Public Information to Assist in Recruitment for Occupational Programs.

VT 006 168 750
Report of Vocational Needs Study Committee.

VT 006 393 750
A Summary of a Research Study Entitled--Implications of Vocational Education for Plant Site Location.

VT 006 402 751
From Sixth Form to Industry; Report of a Conference of Schools and Industry,

VT 007 218 770
Follow-Up Study of MDTA E and D Project Conducted at Agricultural and Industrial State University at Nashville.

VT 007 227 821
Student Vocational Interest Survey.

VT 007 234 752
Statutes Concerning Joint Vocational School Districts.

VT 007 243 821
A Survey of Vocational Education Interest Among Sophomores in Six Iron Range School Districts.

VT 007 261 770
Occupational Demand in Indiana.

VT 007 273 752
Concept of a Total Program in Education for the World of Work.

VT 007 478 808
Report of an Evaluation of a Summer Institute for Training Researchers in Occupational Education.

VT 007 659 753
Report and Recommendations of the State Advisory Committee for Development of Vocational Education in Idaho Public Secondary Schools.

VT 007 693 753
Survey to Assess the Needs of Post-Secondary Vocational Training in the Western Half of New York State.

PAGE

VT 007 701 753
Better Options, Better Lives.

VT 007 758 ED 036 611 772
Implications of Career Openings in Social Welfare Occupations for Priorities in Vocational-Technical Education.

VT 007 829 ED 036 612 785
Use of Industry-Advisory Committees as a Technique for Evaluating Vocational and Technical Education Programs.

VT 007 869 754
Progress Report of the Governor's Committee on Vocational-Technical Education.

VT 008 028 755
Vocational Education in Utah.

VT 008 149 756
Vocational and Technical Education in Rhode Island--1969-1975.

VT 008 202 785
Assessment Guidelines for Programs Under the Vocational Education Act of 1963.

VT 008 248 756
Achievement Report on Area Vocational-Technical School Development, 1963 to June 30, 1968.

VT 008 275 785
A Study to Determine the Adequacy of the Vocational Education Programs at the White Mountains Regional High School.

VT 008 281 757
A Report on a Summary and Recommendations Adapted from West Virginia Legislative Study of Vocational, Technical, and Adult Education. 1967.

VT 008 595 809
Research for Career Education: The Arizona Cooperative Program for Vocational-Technical Research.

VT 008 640 757
What Is Vocational Education? Alaska Looks at Vocational Education.

VT 008 662 836
Source Book of Research Titles and Related Materials in Vocational-Technical Education, 1968-69.

VT 008 669 822
Putting the Pieces Together. An Inventory of Occupational Training.

VT 008 739 804
Determining Group Perceptions of Vocational School Characteristics.

VT 008 758 809
Priority Research and Development Needs in Vocational Education in California.

VT 008 873 805
The Challenge of Change; The Role of Occupational Education in Oregon.

SUBJECT AND IDENTIFIER INDEX

		PAGE
VT 008 997 Papers Presented at the Research Workshop for Teachers and Administrators in Vocational Education. 1969.		809
VT 009 256 Background and Economic Status of Unemployed Negroes of Tampa, Florida and Their Opinions Regarding Training, Retraining, and Relocation for Work.		799
VT 009 395	ED 032 282 Teacher-Assistant Cooperative Training; K Through 8 Grades.	827
VT 009 475	ED 033 226 A Comprehensive Concept for Vocational Education Facilities: Introduction, Flexibility through Modularity, Space Determination, Schematic Modernization, A School Planner's Guide to the Pittsburgh Building Code, Appendixes.	790
VT 009 544	ED 036 619 The Implications of Job Opportunities in Transportation for Priorities in Vocational-Technical Education. Working Paper.	805
VT 009 587	ED 034 036 International Standard Classification of Occupations.	778
VT 009 627	ED 034 041 A Selected Bibliography on Training in Correctional Institutions.	800
VT 009 646	ED 034 043 Manpower Management in Canada; A Selected Bibliography.	779
VT 009 654	ED 034 045 Vocational Education and Manpower Training. Report of a National Legislative Seminar, 1969.	805
VT 009 664	ED 034 046 Vocational Education--General Education Situation Study.	806
VT 009 690	ED 034 055 Cost Effectiveness Analysis of Vocational-Technical Education Programs.	786
VT 009 691	ED 034 056 Cost Benefit Analysis--Trade and Technical Education.	787
VT 009 748	ED 034 060 Research Visibility: Comprehensive Planning.	810
VT 009 752	ED 034 061 Intensive Training for Job Entry Skills: A Selected Bibliography for Use in Program Development.	810
VT 009 753	ED 034 062 Work Experience for Broadening Occupational Offerings: A Selected Bibliography for Use in Program Development.	810
VT 009 764	ED 035 718 Guidelines for Program Development and Evaluation; Vocational Diploma, Associate Degree.	758
VT 009 780	ED034 848 Kansas Vocational Education Research Coordinating Unit.	811
VT 009 784	ED 034 849 A Continuation of Support for the Coordinating Unit for Occupational Research in the California State Department of Education.	811
VT 009 785	ED 034 065 Continuation of Arizona Occupational Research Coordinating Unit.	811
VT 009 786	ED 034 850 The Texas Occupational Research Coordinating Unit.	811
VT 009 787	ED 034 851 Establishment of an Occupational Research and Development Coordinating Unit for the State of Rhode Island.	812
VT 009 791	ED 034 068 Alabama Research Coordinating Unit for Vocational and Technical Education.	812
VT 009 795	ED 034 853 A Guide to Evaluation; Massachusetts Information Feedback System for Vocational Education. First Technical Progress Report.	787
VT 009 814 A Comparison of the Achievement of Vocational Auto-Mechanics Students in First Year Day Trade with Students in First Year Industrial Cooperative Training.		834
VT 009 842	ED 035 724 Second National Leadership Development Seminar for State Directors of Vocational Education.	758
VT 009 868 Evaluation of Vocational-Technical Education Program Effectiveness.		788
VT 009 932	ED 032 695 Vocational Education for Handicapped Persons; Handbook for Program Implementation.	802
VT 009 934	ED 034 878 Delaware Occupational Research Coordinating Unit.	812
VT 009 979	ED 034 882 Research Visibility: Guidance and New Careers.	823
VT 009 980	ED 034 883 The Establishment and Development of a Research Coordinating Unit in Occupational Education in North Carolina.	813
VT 010 093	ED 034 889 The Continuation of Federal Support for the New York State Research Coordinating Unit for Vocational Education.	813
VT 010 096	ED 034 892 Ohio Occupational Research and Development Coordinating Unit.	813
VT 010 097	ED 034 893 The Establishment of a Research Coordinating Unit for Vocational Education in Wyoming and Addendum No. 3. Bibliography of Research Coordinating Unit Educational Materials.	814

SUBJECT AND IDENTIFIER INDEX

		PAGE
VT 010 100	ED 034 896	814
Minnesota Research Coordinating Unit for Vocational Education.		
VT 010 101	ED 034 897	814
Indiana Research Coordinating Unit.		
VT 010 119	ED 035 743	802
A Guide to the Development of Vocational Education Programs and Services for the Disadvantaged.		
VT 010 147		824
Vocational-Technical Education: New Horizons; A Symposium Presented at the Meeting of the American Personnel and Guidance Association. 1969.		
VT 010 153	ED 034 900	815
Oregon Research Coordinating Unit for Vocational Education.		
VT 010 204	ED 035 760	815
Research Coordinating Unit for Vocational Education in Oklahoma.		
VT 010 247	ED 035 766	816
A Program of Research and Development for Tennessee Designed to Bring Together All Available Research Resources to Support A Continuing Program of Vocational Education.		
VT 010 248	ED 035 767	816
Utah Coordinating Unit for Research in Vocational and Technical Education.		
VT 010 303	ED 036 637	817
Nevada State Occupational Research Coordinating Unit.		
VT 010 317	ED 036 641	817
Research Visibility: Vocational Education Curriculum.		
VT 011 173	(See Aug '70 RIE)	837
Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.		
VT 011 200	(See Aug '70 RIE)	837
Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.		

VOCATIONAL EDUCATION AMENDMENTS OF 1968

VT 009 993	ED 034 888	760
Notes and Working Papers from the National Conference on Cooperative Vocational Education; Implications of the 1968 Amendments.		
VT 010 119	ED 035 743	802
A Guide to the Development of Vocational Education Programs and Services for the Disadvantaged.		

VOCATIONAL EDUCATION AND MANPOWER TRAINING, WASHINGTON, D.C., SEPTEMBER 7-9, 1969

VT 009 654	ED 034 045	805
Vocational Education and Manpower Training. Report of a National Legislative Seminar, 1969.		

VOCATIONAL EDUCATION TEACHERS

VT 002 678		826
Institute Interest of Technical, Trade and Industrial Teachers of Colorado.		
VT 009 650	ED 034 843	828
Competencies of Vocational Teachers.		
VT 010 131	ED 035 744	829
Utilization of Competency Examinations in Vocational and Technical Education.		

VOCATIONAL EDUCATIONAL AMENDMENTS OF 1968

VT 009 928	ED 034 876	759
A Guide for the Development of Consumer and Homemaking Education.		

VOCATIONAL EVALUATION

VT 009 530		799
Work Evaluation.		
VT 009 534		800
Work Evaluation and Work Adjustment.		

VOCATIONAL FOLLOWUP

VT 001 343		766
Continuing Employment Through Training.		
VT 003 901		793
Graduates of the Norfolk Project.		
VT 008 275		785
A Study to Determine the Adequacy of the Vocational Education Programs at the White Mountains Regional High School.		

VOCATIONAL REHABILITATION

VT 002 705		792
Vocational Rehabilitation of Disabled Public Assistance Clients (Johnson, Martin, and Lawrence Counties).		
VT 002 715		792
Vocational Rehabilitation of Disabled Public Assistance Clients. Leslie, Harlan and Bell Counties.		
VT 003 723		793
Amendments to the Vocational Rehabilitation Act. Hearings. 1967.		
VT 004 748		793
To Work Again...To Live Again. The Vocational Rehabilitation of Homebound Veterans.		
VT 004 954	ED 036 606	794
Vocational Rehabilitation Act Amendments of 1968. Hearings. 1968.		
VT 005 863		749
Vocational Rehabilitation Needs and Resources in Eastern Kentucky.		

SUBJECT AND IDENTIFIER INDEX

PAGE

VT 009 530 799
Work Evaluation.
VT 009 534 800
Work Evaluation and Work Adjustment.
VT 009 542 ED 034 029 800
Manpower for Correctional Rehabilitation in the South.
VT 010 237 ED 035 763 802
The Training and Placement of Older Workers: An Evaluation of Four Community Projects.

VOCATIONAL RETRAINING
VT 008 244 796
Vocational-Technical Education Brings Success to These Tennesseans. Volumes I and II.

VOCATIONAL SCHOOLS
VT 009 864 ED 036 621 759
The Proprietary School in Oregon.

WELFARE RECIPIENTS
VT 002 705 792
Vocational Rehabilitation of Disabled Public Assistance Clients (Johnson, Martin, and Lawrence Counties).
VT 002 715 792
Vocational Rehabilitation of Disabled Public Assistance Clients. Leslie, Harlan and Bell Counties.
VT 003 902 793
Training of Public Assistance Recipients under the MDTA.

WEST GEORGIA NATIONAL CONFERENCE, CARROLLTON, GEORGIA, SEPTEMBER 1969
VT 010 403 ED 036 651 824
A One-Week Institute to Develop Objectives and Models for a Continuous Exploratory Program Related to the World of Work from Junior High Through Senior High School.

WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION
VT 009 764 ED 035 718 758
Guidelines for Program Development and Evaluation; Vocational Diploma, Associate Degree.

WOMENS EDUCATION
VT 007 832 833
Young Women in Fort Collins, Colorado.

WORK EXPERIENCE
VT 008 819 777
Work Experience in Puerto Rico: Calendar Yeaz 1968.

WORK EXPERIENCE PROGRAMS
VT 004 352 832
Marengo Experimental Vocational Program.

VT 009 641 ED 034 042 800
Guided Occupational Training. A Vocational Work Experience Program for Intellectually Limited and Educationally Handicapped Students.
VT 009 753 ED 034 062 810
Work Experience for Broadening Occupational Offerings: A Selected Bibliography for Use in Program Development.
VT 010 403 ED 036 651 824
A One-Week Institute to Develop Objectives and Models for a Continuous Exploratory Program Related to the World of Work from Junior High Through Senior High School.

WORK STUDY PROGRAMS
VT 006 714 795
The Minneapolis Work Opportunity Center. May, 1966 to June, 1968.

WORKING HOURS
VT 009 519 ED 034 026 799
Working Children.

WORKING PAPER
VT 009 544 ED 036 619 805
The Implications of Job Opportunities in Transportation for Priorities in Vocational-Technical Education. Working Paper.

WORKING WOMEN
VT 003 433 766
Women Workers in Illinois.
VT 003 900 767
The Labor Force Characteristics of Women in Low-Income Rural AreaS of the South.
VT 007 231 795
Final Report and Evaluation of the Women's Talent Corps New Careers Program 1966-67.
VT 008 240 775
Employer Hiring Practices and Attitudes about the Employment of Women. Summary.

WORKSHOPS
VT 002 678 826
Institute Interest of Technical, Trade and Industrial Teachers of Colorado.
VT 005 149 832
A New Look at the Why and the How of Clinical Laboratory Experiences.
VT 006 426 826
Adult Leadership Development. A Graduate Workshop Summary Report.
VT 008 997 809
Papers Presented at the Research Workshop for Teachers and Administrators in Vocational Education. 1969.

SUBJECT AND IDENTIFIER INDEX

		PAGE	PAGE
YOUNG ADULTS			
VT 008 092		796	
Unemployed Out-of-School Youth Survey.			
YOUTH			
VT 002 651	ED 036 605	820	
The Conference on Unexplored Aspects of the Development of Occupational Goals of Youth, 1965.			
YOUTH EMPLOYMENT			
VT 009 987	ED 036 625	823	
Part-Time, Summer and Volunteer Jobs for Jewish and Other Minority Group Youth.			
YOUTH PROBLEMS			
VT 009 936	ED 035 732	802	
An Annotated Bibliography on the Employment of Disadvantaged Youth, 1960-1966.			

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

PAGE

ADAMS, WALTER, ED.
VT 002 690 820
Ohio Vocational Education Notebook.

AGENCY FOR INTERNATIONAL DEVELOPMENT, WASHINGTON, D.C. CRD-PUBLICATIONS AND TECHNICAL SERVICES BRANCH
VT 002 664 747
Seminar on Problems of Manpower Planning, Development, Utilization, Distribution and Administration, 1963.

ALABAMA RESEARCH COORDINATING UNIT FOR VOCATIONAL AND TECHNICAL EDUCATION, MONTGOMERY
VT 009 791 ED 034 068 812
Alabama Research Coordinating Unit for Vocational and Technical Education.

ALASKA STATE DEPT. OF EDUCATION, JUNEAU. DIV. OF VOCATIONAL EDUCATION
VT 008 640 757
What Is Vocational Education? Alaska Looks at Vocational Education.

ALBRACHT, JAMES
VT 007 980 804
Vocational Agriculture Course Objectives and Occupational Work Experience.

ALTMAN, CHARLES DWAYNE
VT 007 809 772
Student Interest and Employment Opportunities in the Field of Ornamental Horticulture in Pickens County, South Carolina.

AMELON, DONALD JAMES
VT 009 184 834
Slide-Tape Self-Instruction Versus Traditional Group Demonstrations in Teaching College Level Metalwork.

AMERICAN ASSOCIATION OF DENTAL SCHOOLS, WASHINGTON, D.C.
VT 007 274 752
Memorandum on the Association's Role and Function in the Training of Auxiliary Personnel.

AMERICAN DENTAL ASSOCIATION, CHICAGO, ILL.
VT 009 887 ED 035 726 759
Annual Report on Dental Auxiliary Education, 1967/68.

AMERICAN DENTAL ASSOCIATION, CHICAGO, ILL. DIV. OF EDUCATIONAL MEASUREMENTS
VT 010 058 ED 035 737 760
Annual Report on Dental Auxiliary Education, 1968/69.

AMERICAN FOUNDATION ON AUTOMATION AND EMPLOYMENT, INC., NEW YORK, N.Y.
VT 010 065 ED 035 738 788
Films on Jobs, Training, and the Ghetto; An Evaluative Guide.

AMERICAN INDUSTRIAL ARTS ASSOCIATION, WASHINGTON, D.C.
VT 009 853 ED 035 725 828
Effecting Attitudinal Changes in Industrial Arts Education.

AMERICAN INDUSTRIAL ARTS ASSOCIATION, WASHINGTON, D.C. INTERNATIONAL RELATIONS COMMITTEE
VT 009 277 778
A Guide to Overseas Professional Opportunities for Industrial Education Personnel.

AMERICAN INST. FOR RESEARCH IN THE BEHAVIORAL SCIENCES, PALO ALTO, CALIF.
VT 008 814 ED 034 020 833
Study of Training Equipment and Individual Differences: The Effects of Subject Matter Variables. Report and Supplementary Report.

AMERICAN OCCUPATIONAL THERAPY ASSOCIATION, NEW YORK, N.Y.
VT 008 132 774
Occupational Therapy--A New Lift for the Disabled.

AMERICAN SOCIETY OF PLANNING OFFICIALS
VT 009 944 ED 036 623 760
The Urban Planner in Health Planning.

AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON, D.C.
VT 009 654 ED 034 045 805
Vocational Education and Manpower Training. Report of a National Legislative Seminar, 1969.
VT 009 748 ED 034 060 810
Research Visibility: Comprehensive Planning.
VT 009 979 ED 034 882 823
Research Visibility: Guidance and New Careers.
VT 010 317 ED 036 641 817
Research Visibility: Vocational Education Curriculum.

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

		PAGE
AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON, D.C. NORTH ATLANTIC RESEARCH COMMITTEE		
VT 010 328	ED 036 644	818
Abstracts of Research Studies in Agricultural Education Completed in 1968-69 in the North Atlantic Region.		
AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON, D.C. PACIFIC RESEARCH COMMITTEE		
VT 010 295	ED 036 635	816
Summaries of Studies in Agricultural Education, Pacific Region, 1968-69. An Annotated Bibliography of Studies in Agricultural Education.		
ANDERSON, DAVID ALLEN		
VT 006 601		808
The Adaptation of PERT for Coordinating Interdisciplinary Manpower Research in a University Setting.		
ANDERSON, KATHERINE KRISTA		
VT 006 298		820
Experiences of Iowa Senior High School Girls in Housing.		
APPALACHIAN STATE UNIV., BOONE, N.C.		
VT 009 853	ED 035 725	828
Effecting Attitudinal Changes in Industrial Arts Education.		
ARIZONA OCCUPATIONAL RESEARCH COORDINATING UNIT, PHOENIX		
VT 007 586		808
Research Utilization. Report of a Conference. 1968.		
VT 008 595		809
Research for Career Education: The Arizona Cooperative Program for Vocational-Technical Research.		
VT 009 785	ED 034 065	811
Continuation of Arizona Occupational Research Coordinating Unit.		
ARKANSAS VOCATIONAL EDUCATION RESEARCH COORDINATING UNIT, FAYETTEVILLE		
VT 009 627	ED 034 041	800
A Selected Bibliography on Training in Correctional Institutions.		
ATOMIC ENERGY COMMISSION, OAK RIDGE, TENN.		
VT 009 614	ED 034 039	786
Benefit-Cost Analysis of TAT Phase I Worker Training. Training and Technology Project. Special Report.		
AUTOMOBILE MANUFACTURING ASSOCIATION, DETROIT, MICH.		
VT 003 974		767
Technological Change and Employment in the Automotive Industry.		
AVIATION DISTRIBUTORS AND MANUFACTURERS' ASSOCIATION, PHILADELPHIA, PA. AVIATION EDUCATION COMMITTEE		
VT 008 972		763
Report of States' Aviation Education Programs.		
B'NAI B'RITH, WASHINGTON, D.C. VOCATIONAL SERVICE		
VT 009 987	ED 036 625	823
Part-Time, Summer and Volunteer Jobs for Jewish and Other Minority Group Youth.		
BAKER, RICHARD A.		
VT 009 791	ED 034 068	812
Alabama Research Coordinating Unit for Vocational and Technical Education.		
BAKER, RICHARD A., ED.		
VT 007 843		808
Research in Programs in Agricultural Education.		
BARLOW, MELVIN L.		
VT 009 839	ED 034 863	758
Profiles of Trade and Technical Leaders: Comprehensive Report.		
BARNES, ROBERT F.		
VT 009 784	ED 034 849	811
A Continuation of Support for the Coordinating Unit for Occupational Research in the California State Department of Education.		
BARROW, RICHARD WESLEY		
VT 009 814		834
A Comparison of the Achievement of Vocational Auto-Mechanics Students in First Year Day Trade with Students in First Year Industrial Cooperative Training.		
BARTHEL, CHRISTOPHER E., JR.		
VT 009 780	ED034 848	811
Kansas Vocational Education Research Coordinating Unit.		
BATTELLE MEMORIAL INST., COLUMBUS, OHIO		
VT 008 172		774
Control Totals of Employment in Major Industry by Major Occupation Matrix for Michigan--1960.		

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

PAGE

BEACHAM, HERBERT C.
VT 009 256 799
Background and Economic Status of Unemployed Negroes of Tampa, Florida and Their Opinions Regarding Training, Retraining, and Relocation for Work.

BENDER, RALPH E.
VT 009 806 ED 034 855 822
Role of High School Vocational Agriculture in Occupational Decision Making.

BENNETT, ROBERT, AND OTHERS
VT 007 137 751
Cooperative-Distributive Education, An Alternate Semester Program.

BERTRAND, ALVIN L.
VT 003 900 767
The Labor Force Characteristics of Women in Low-Income Rural AreaS of the South.

BLOMGREN, GLEN H.
VT 009 691 ED 034 056 787
Cost Benefit Analysis--Trade and Technical Education.

BOSTON UNIV. SCHOOL OF EDUCATION, MASS. NEW ENGLAND MATERIALS INSTRUCTION CENTER
VT 008 543 ED 036 615 796
Selected Bibliography of Books, Pamphlets, Periodicals, and Curriculum Guides in Work Study for the Educable Retarded.

BOTTOMS, GENE
VT 010 403 ED 036 651 824
A One-Week Institute to Develop Objectives and Models for a Continuous Exploratory Program Related to the World of Work from Junior High Through Senior High School.

BRANDON, GEORGE L., ED.
VT 009 748 ED 034 060 810
Research Visibility: Comprehensive Planning.
VT 009 979 ED 034 882 823
Research Visibility: Guidance and New Careers.
VT 010 317 ED 036 641 817
Research Visibility: Vocational Education Curriculum.

BRIGGS, LLOYD D.
VT 010 306 ED 036 639 817
Review and Synthesis of Research in Technical Education. Second Edition.

BRISTOL, BENTON K.
VT 008 299 827
Directory of College and University Professional Personnel Who Teach Shop, Mechanics, or Related Courses to Agricultural Education Students.

BRODY, ADELE CUTLER
VT 007 295 796
Career-Oriented Training.

BROWN, CAROL A.
VT 009 802 ED 034 854 779
Allied Health Manpower: Trends and Prospects.

BUCKLEY, EDWARD P.
VT 008 176 756
Feasibility Study for Aviation Programs.

BUREAU OF EMPLOYMENT SECURITY (DOL), WASHINGTON, D.C.
VT 006 158 768
Computers on the Factory Floor--A Layoff Study.

BUREAU OF LABOR STATISTICS (DOL), WASHINGTON, D.C.
VT 006 692 769
Occupational Employment Statistics 1960-66.
VT 006 694 769
Manpower Planning for Technological Change.
VT 008 774 776
Labor Force Experience ov the Puerto Rican Worker.

BUREAU OF SOCIAL SCIENCE RESEARCH, INC., WASHINGTON, D.C.
VT 007 218 770
Follow-Up Study of MDTA E and D Project Conducted at Agricultural and Industrial State University at Nashville.
VT 009 936 ED 035 732 802
An Annotated Bibliography on the Employment of Disadvantaged Youth, 1960-1966.

BUREAU OF THE CENSUS (DOC), WASHINGTON, D.C.
VT 008 160 774
Estimates and Projections of the Labor Force and Civilian Employment in the U.S.S.R.; 1950-1975.

BURT, SAMUEL M.
VT 007 829 ED 036 612 785
Use of Industry-Advisory Committees as a Technique for Evaluating Vocational and Technical Education Programs.

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

PAGE

CALIFORNIA COORDINATING UNIT FOR OCCUPATIONAL RESEARCH AND DEVELOPMENT, SACRAMENTO
VT 008 758 809
Priority Research and Development Needs in Vocational Education in California.

CALIFORNIA SOCIETY OF PSYCHIATRIC TECHNICIANS, SACRAMENTO
VT 009 696 ED 034 059 806
Community Mental Health and the Psychiatric Foundation.
VT 010 316 ED 036 640 781
Mental Health Manpower and the Psychiatric Technician.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO
VT 002 214 746
Report of the Annual Conference on Industrial Education. 1967.
VT 004 015 762
Civil Engineering Technology.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. BUREAU OF VOCATIONAL EDUCATION
VT 007 361 771
A Survey of Need for a Fishery and Marine Resources Technology Program at College of the Redwoods.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. BUSINESS EDUCATION DIV.
VT 007 137 751
Cooperative-Distributive Education, An Alternate Semester Program.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. VOCATIONAL EDUCATION SECTION
VT 009 784 ED 034 849 811
A Continuation of Support for the Coordinating Unit for Occupational Research in the California State Department of Education.

CALIFORNIA STATE DEPT. OF INDUSTRIAL RELATIONS, SAN FRANCISCO. DIV. OF LABOR STATISTICS AND RESEARCH
VT 008 323 775
California Womanpower.
VT 008 325 775
Changing Patterns in California Manufacturing Employment.

CALIFORNIA STATE DEPT. OF MENTAL HYGIENE, SACRAMENTO. OFFICE OF PLANNING
VT 005 244 749
Academic Planning Survey of Mental Health Manpower.

PAGE

CALIFORNIA UNIV., LOS ANGELES. ALLIED HEALTH PROFESSIONS PROJECT
VT 008 514 757
Allied Health Education.

CALIFORNIA UNIV., LOS ANGELES. DIV. OF VOCATIONAL EDUCATION
VT 009 691 ED 034 056 787
Cost Benefit Analysis--Trade and Technical Education.
VT 009 839 ED 034 863 758
Profiles of Trade and Technical Leaders: Comprehensive Report.
VT 009 868 788
Evaluation of Vocational-Technical Education Program Effectiveness.

CALLAGHAN, DANIEL J.
VT 005 244 749
Academic Planning Survey of Mental Health Manpower.

CANADIAN DEPT. OF MANPOWER AND IMMIGRATION, OTTAWA (ONTARIO)
VT 002 429 766
Organized Training in Four Industry Groups, 1965.

CANADIAN DEPT. OF MANPOWER AND IMMIGRATION, OTTAWA (ONTARIO). RESEARCH BRANCH
VT 008 901 777
Canada's Manpower Requirements in 1970.

CARPET INDUSTRY TRAINING BOARD, WILMSLOW, CHESHIRE (ENGLAND)
VT 009 073 778
Guide to Recruitment and Selection for Manual Jobs.

CASSELL, FRANK H.
VT 006 617 769
Corporate Manpower Planning.

CASTAGNA, PAUL A.
VT 009 614 ED 034 039 786
Benefit-Cost Analysis of TAT Phase I Worker Training. Training and Technology Project. Special Report.

CENTRAL COLL., PELLA, IOWA
VT 010 099 ED 034 895 788
Education and Economic Growth in Iowa.

CHAMBER OF COMMERCE OF THE UNITED STATES, WASHINGTON, D.C.
VT 007 410 752
What Is the Responsibility of Business in Modernizing Education?.

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

		PAGE
CHICAGO BOARD OF EDUCATION, ILL. DEPT. OF VOCATIONAL AND PRACTICAL ARTS EDUCATION		
VT 009 395	ED 032 282	827
Teacher-Assistant Cooperative Training; K Through 8 Grades.		
CHICAGO CITY COLLEGE, ILL. OFFICE OF OCCUPATIONAL EDUCATION		
VT 006 165		749
Public Information to Assist in Recruitment for Occupational Programs.		
CHILD WELFARE LEAGUE OF AMERICA, INC., NEW YORK, N.Y.		
VT 008 088		755
New Approaches to Homemaker Service.		
CHILDREN'S BUREAU (DHEW), WASHINGTON, D.C.		
VT 006 325		750
Homemaker Services--History and Bibliography.		
CLACKAMAS COUNTY INTERMEDIATE EDUCATION DISTRICT, OREGON		
VT 000 477		784
A Study of Vocational-Technical Education for High School Age Students in Clackamas County.		
CLEERE, W. RAY		
VT 010 403	ED 036 651	824
A One-Week Institute to Develop Objectives and Models for a Continuous Exploratory Program Related to the World of Work from Junior High Through Senior High School.		
CLEVELAND PUBLIC SCHOOLS, OHIO. BUREAU OF EDUCATIONAL RESEARCH		
VT 008 092		796
Unemployed Out-of-School Youth Survey.		
COGHILL, MARY ANN		
VT 006 331	ED 034 017	768
Moonlighters in a Tight Labor Market.		
COHEN, FRED		
VT 008 897	ED 032 409	798
The Legal Challenge to Corrections: Implications for Manpower and Training.		
COHEN, LOUIS A.		
VT 010 093	ED 034 889	813
The Continuation of Federal Support for the New York State Research Coordinating Unit for Vocational Education.		
COLELLA, HENRY V., COMP.		
VT 008 543	ED 036 615	796
Selected Bibliography of Books, Pamphlets, Periodicals, and Curriculum Guides in Work Study for the Educable Retarded.		
COLORADO RESEARCH COORDINATING UNIT, FORT COLLINS		
VT 010 358	ED 035 774	818
Continuation of the Colorado Research Coordinating Unit.		
COLORADO SPRINGS SCHOOL DISTRICT ELEVEN, COLORADO. DIV. OF SECONDARY EDUCATION		
VT 008 903		786
Opinions of Ninth and Twelfth Grade Girls and Young Homemakers as to Knowledge and Competencies Needed for Roles as Homemakers.		
COLORADO STATE UNIV., FORT COLLINS. DEPT. OF VOCATIONAL EDUCATION		
VT 002 678		826
Institute Interest of Technical, Trade and Industrial Teachers of Colorado.		
VT 007 832		833
Young Women in Fort Collins, Colorado.		
COLORADO STATE UNIV., FT. COLLINS		
VT 010 131	ED 035 744	829
Utilization of Competency Examinations in Vocational and Technical Education.		
COLUMBIA UNIV. PRESS, NEW YORK, N.Y.		
VT 009 802	ED 034 854	779
Allied Health Manpower: Trends and Prospects.		
COMMUNITY HIGH SCHOOL, MARENGO, ILL.		
VT 004 352		832
Marengo Experimental Vocational Program.		
COMPTROLLER GENERAL (GAO), WASHINGTON, D.C.		
VT 008 743		797
Administration and Effectiveness of Work Experience and Training Project in Kent County, Michigan.		
CONGRESS OF THE U.S., WASHINGTON, D.C. HOUSE COMMITTEE ON EDUCATION AND LABOR		
VT 003 723		793
Amendments to the Vocational Rehabilitation Act. Hearings. 1967.		
VT 004 954	ED 036 606	794
Vocational Rehabilitation Act Amendments of 1968. Hearings. 1968.		

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

		PAGE
CONGRESS OF THE U.S., WASHINGTON, D.C. SENATE SUBCOMMITTEE ON EMPLOYMENT, MANPOWER AND POVERTY		
VT 010 274	ED 036 632	836
Employment and Training Legislation--1968; Hearings.		
CONGRESS OF THE U.S., WASHINGTON, D.C. SENATE SUBCOMMITTEE ON EMPLOYMENT, MANPOWER, AND POVERTY		
VT 010 275	ED 035 768	836
Employment and Training Legislation-1968; Background Information.		
CONNECTICUT STATE DEPT. OF EDUCATION, HARTFORD. BUREAU OF VOCATIONAL-TECHNICAL SCHOOLS		
VT 006 348		750
Practical Nurse Education Program Practices in Connecticut Vocational-Technical Schools.		
CONNECTICUT STATE DEPT. OF EDUCATION, HARTFORD. DIV. OF VOCATIONAL EDUCATION		
VT 008 202		785
Assessment Guidelines for Programs Under the Vocational Education Act of 1963.		
COOPERMAN, IRENE G.		
VT 001 967		792
The Employment Adjustment of Veterans with Histories of Psychosisand Psychoneurosis. Technical Report.		
VT 004 837		794
They Return to Work. The Job Adjustment of Psychiatrically Disabled Veterans of World War II and Korean Conflict.		
CORDOVA, EFREN		
VT 007 155		769
Bibliography of Industrial Relations in Latin America.		
COURTNEY, E. WAYNE		
VT 009 650	ED 034 843	828
Competencies of Vocational Teachers.		
CRAIN, WILLIAM		
VT 010 131	ED 035 744	829
Utilization of Competency Examinations in Vocational and Technical Education.		
CROCKETT, THOMPSON S.		
VT 010 503	ED 036 658	836
Law Enforcement Education.		
DAY, ROBERT L.		
VT 008 275		785
A Study to Determine the Adequacy of the Vocational Education Programs at the White Mountains Regional High School.		
DEAN, ERNEST H.		
VT 006 393		750
A Summary of a Research Study Entitled--Implications of Vocational Education for Plant Site Location.		
DELAWARE OCCUPATIONAL RESEARCH COORDINATING UNIT, DOVER		
VT 007 273		752
Concept of a Total Program in Education for the World of Work.		
VT 009 934	ED 034 878	812
Delaware Occupational Research Coordinating Unit.		
DELAWARE STATE DEPT. OF PUBLIC INSTRUCTION, DOVER		
VT 007 743		754
Procedures for Developing Industrial Arts Education Project Proposals Under the Provisions of the National Defense Education Act Title III.		
DENSLEY, KENNETH G.		
VT 008 758		809
Priority Research and Development Needs in Vocational Education in California.		
DEPARTMENT OF LABOR, WASHINGTON, D.C. WAGE AND HOUR AND PUBLIC CONTRACTS DIV.		
VT 009 519	ED 034 026	799
Working Children.		
DESPAIN, DON		
VT 008 780		776
Manpower in Oklahoma: Northwest Region.		
DETROIT PUBLIC SCHOOLS, MICH. RESEARCH AND DEVELOPMENT DEPT.		
VT 007 219		795
Evaluation of the Job Upgrading Program, April--August, 1966.		
DODD, CAROL S.		
VT 007 293	ED 024 081	821
Concepts of Career Fields Held by Eleventh Grade Students.		
DOMINION BUREAU OF STATISTICS, OTTAWA (ONTARIO). EDUCATION DIV.		
VT 002 429		766
Organized Training in Four Industry Groups, 1965.		

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

PAGE

DUMAS, NEIL S., ED.
VT 010 149 ED 032 576 815
Six Years of Rehabilitation Research: Studies of Personnel in Health Related Professions, Client Motivation, and Research Utilization.

EASON, FRED J.
VT 001 669 746
A Guide for the Establishment of Comprehensive Community Colleqesin North Carolina.

EASTERN MICHIGAN UNIV., YPSILANTI. DEPT. OF INDUSTRIAL EDUCATION
VT 008 568 797
Annotated Bibliography of Literature Related to Industrial Arts for the Mentally Retarded.

EBERT, GLADYS MEYER
VT 006 300 794
Suqqestions for Homemakinq Proqrams to Meet Needs of Educable Mentally Retarded Pupils.

EDUCATIONAL TESTING SERVICE, PRINCETON, N.J.
VT 009 909 ED 034 871 780
Occupational Licensinq and the Supply of Nonprofessional Manpower.

EDWARDS, MABEL I.
VT 006 465 836
Selected References on Homemaker-Health Aide Services.

ENGELBART, LEON P.
VT 007 258 784
Analyzinq Vocational Competencies in Auto Mechanics.

ERICKSON, EVA H.
VT 008 978 777
Report of the Study of Staff Nurse Position Responsibilities in Iowa General Hospital.

FEDERAL MINISTRY OF ECONOMIC DEVELOPMENT, LAGOS (NIGERIA). NATIONAL MANPOWER BOARD
VT 009 018 778
A Study of the Educational and Trainina Content of Occupations, 1966.

FEDERATION OF BRITISH INDUSTRIES, LONDON (ENGLAND)
VT 006 402 751
From Sixth Form to Industry; Report of a Conference of Schools and Industry,

FERGUSON, EDWARD, JR.
VT 007 217 752
Research and Development Proqram in Vocational-Technical Education; Seminar in Distributive Teacher Education (1967).

FLORIDA STATE DEPT. OF EDUCATION, TALLAHASSEE. DIV. OF VOCATIONAL , TECHNICAL AND ADULT EDUCATION
VT 008 673 776
Occupational Information for Florida Schools.

FLORIDA STATE UNIV., TALLAHASSEE. EDUCATIONAL SYSTEMS AND PLANNING CENTER
VT 009 690 ED 034 055 786
Cost Effectiveness Analysis of Vocational-Technical Education Proqrams.

FLORIDA UNIV., GAINESVILLE. REGIONAL REHABILITATION RESEARCH INST.
VT 010 149 ED 032 576 815
Six Years of Rehabilitation Research: Studies of Personnel in Health Related Professions, Client Motivation, and Research Utilization.

FLUG, EUGENE ROY FRANK
VT 006 414 832
An Experimental Evaluation of Selected Presentation Modes in the Self-Instruction of a Manipulative Industrial Arts Learninq Task.

FORGOTSON, EDWARD H.
VT 009 808 ED 035 721 779
Innovations and Experiments in Uses of Health Manpower--A Study of Selected Proqrams and Problems in the United Kinqdom and the Soviet Union.

FORGOTSON, JUDITH H.
VT 009 808 ED 035 721 779
Innovations and Experiments in Uses of Health Manpower--A Study of Selected Proqrams and Problems in the United Kinqdom and the Soviet Union.

FREEDMAN, AUDREY
VT 006 694 769
Manpower Planninq for Technological Change.

FULLER, CHESTER W.
VT 007 481 826
Workshop Guidelines to Prepare Inservice Educators for Health-Care Agencies.

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

PAGE

FULLER, RICHARD, AND OTHERS
VT 009 169 763
Directory of Courses Offered in Area Vocational-Technical Schools.

GARTAGANIS, ARTHUR J.
VT 006 692 769
Occupational Employment Statistics 1960-66.

GASTON, ALICE C.
VT 008 903 786
Opinions of Ninth and Twelfth Grade Girls and Young Homemakers as to Knowledge and Competencies Needed for Roles as Homemakers.

GILLIE, ANGELO C.
VT 007 247 804
The Role of the University in Community College Technical Education.

GLASER, EDWARD M.
VT 004 904 794
An Evaluation Follow-Up Study of the JOC Experimental Demonstration Project for the Communities of Denver and Pueblo, Colorado.

GLEASON, JOHN J., COMP.
VT 008 543 ED 036 615 796
Selected Bibliography of Books, Pamphlets, Periodicals, and Curriculum Guides in Work Study for the Educable Retarded.

GLENDENING, RICHARD N.
VT 010 099 ED 034 895 788
Education and Economic Growth in Iowa.

GLOVER, E. ELIZABETH, AND OTHERS
VT 008 088 755
New Approaches to Homemaker Service.

GOLDSTEIN, BENJAMIN
VT 003 902 793
Training of Public Assistance Recipients under the MDTA.

GOVERNOR'S COMMITTEE ON EMPLOYMENT OF MINORITY GROUPS IN THE NEWS MEDIA, ALBANY, N.Y.
VT 009 649 ED 034 044 801
Report of the Governor's Committee on Employment of Minority Groups in the News Media.

GOVERNOR'S COMMITTEE ON VOCATIONAL-TECHNICAL EDUCATION, CHEYENNE, WYO.
VT 007 869 754
Progress Report of the Governor's Committee on Vocational-Technical Education.

PAGE

GRANT, J. DOUGLAS, AND OTHERS
VT 010 156 ED 035 754 780
Develop New Careers Ladders, With Appropriate Education ComponentS, In the Administration of Justice. Technical Report.

GREDE, JOHN F.
VT 006 165 749
Public Information to Assist in Recruitment for Occupational Programs.

GREENFIELD, HARRY I.
VT 009 802 ED 034 854 779
Allied Health Manpower: Trends and Prospects.

HALFIN, HAROLD H.
VT 009 650 ED 034 843 828
Competencies of Vocational Teachers.

HANSON, GARTH A.
VT 009 670 ED 034 047 828
Practicum for Simulated Methods in Office Occupations Education.

HARDY, M.I.
VT 008 233 774
Occupational Health Nursing in Ontario.

HART, EVELYN
VT 008 131 755
Homemaker Services for Families and Individuals.

HAUSER, FRANCIS L.
VT 002 664 747
Seminar on Problems of Manpower Planning, Development, Utilization, Distribution and Administration, 1963.

HAWAII UNIV., HONOLULU. COMMUNITY COLL. SYSTEM
VT 007 293 ED 024 081 821
Concepts of Career Fields Held by Eleventh Grade Students.

HEALTH CAREERS ASSOCIATION OF GREATER CINCINNATI, OHIO
VT 008 703 776
Climb to Success, Security, Opportunity.

HEIN, EDWARD C.
VT 010 189 ED 035 759 829
An Evaluation of the Preparation of the Industrial Arts Teacher Education Graduates at Colorado State University, 1957 through 1967.

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

		PAGE
HELEN L. BEELER SCHOOL, MARLTON, N.J.		
VT 007 316	ED 036 609	762
Design for Learning; 1967 Summer Institute of Technology for Children.		
HERGENRETER, LEONARD		
VT 010 358	ED 035 774	818
Continuation of the Colorado Research Coordinating Unit.		
HOFFMAN, PAUL R.		
VT 009 530		799
Work Evaluation.		
VT 009 534		800
Work Evaluation and Work Adjustment.		
HOLLIDAY, L.P.		
VT 009 798	ED 035 719	787
Appraising Selected Manpower Training Programs in the Los Angeles Area.		
HORNER, JAMES T., COMP.		
VT 010 322	ED 036 642	818
Summaries of Studies in Agricultural Education, Central Region 1968-69. An Annotated Bibliography of Studies in Agricultural Education.		
HOUSEHOLDER, DANIEL L.		
VT 010 109	ED 034 898	814
Review and Synthesis of Research in Industrial Arts Education.		
HOUSTON, CLIFFORD G.		
VT 004 904		794
An Evaluation Follow-Up Study of the JOC Experimental Demonstration Project for the Communities of Denver and Pueblo, Colorado.		
HUMAN INTERACTION RESEARCH INST., LOS ANGELES, CALIF.		
VT 004 904		794
An Evaluation Follow-Up Study of the JOC Experimental Demonstration Project for the Communities of Denver and Pueblo, Colorado.		
ILLINOIS RESEARCH AND DEVELOPMENT COORDINATING UNIT, SPRINGFIELD		
VT 008 659		809
Support for Research and Development of Innovative Approaches to Vocational Education.		
ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD. VOCATIONAL AND TECHNICAL EDUCATION		
VT 008 659		809
Support for Research and Development of Innovative Approaches to Vocational Education.		
ILLINOIS STATE DEPT. OF LABOR, CHICAGO. BUREAU OF EMPLOYMENT SECURITY		
VT 003 433		766
Women Workers in Illinois.		
ILLINOIS STATE DEPT. OF REGISTRATION AND EDUCATION, SPRINGFIELD		
VT 002 216		746
Statistical Information on the Registration and Education of Professional and Practical Nurses.		
ILLINOIS STATE UNIV., NORMAL. DEPT. OF AGRICULTURE		
VT 008 299		827
Directory of College and University Professional Personnel Who Teach Shop, Mechanics, or Related Courses to Agricultural Education Students.		
INDIANA EMPLOYMENT SECURITY DIV., INDIANAPOLIS. RESEARCH AND STATISTICS SECTION		
VT 007 261		770
Occupational Demand in Indiana.		
INDIANA RESEARCH AND DEVELOPMENT COORDINATING UNIT FOR VOCATIONAL AND TECHNICAL EDUCATION, TERRE HAUTE		
VT 010 101	ED 034 897	814
Indiana Research Coordinating Unit.		
INDIANA STATE DEPT. OF PUBLIC INSTRUCTION, TERRE HAUTE		
VT 008 545		757
Procedures for Establishing Area Vocational Schools in Indiana.		
INDIANAPOLIS HOSPITAL DEVELOPMENT ASSOCIATION, INC., IND.		
VT 002 691		766
Health Manpower Requirements and Resources in Metropolitan Indianapolis, 1966-1971.		
INSTITUTE OF APPLIED MANPOWER RESEARCH, NEW DELHI (INDIA)		
VT 008 096		755
Engineering Manpower; Educational and Training Preparation of Technicians.		
INTERNATIONAL ASSOCIATION OF CHIEFS OF POLICE, INC., WASHINGTON, D.C. PROFESSIONAL STANDARDS DIV.		
VT 010 503	ED 036 658	836
Law Enforcement Education.		
INTERNATIONAL LABOUR OFFICE, GENEVA (SWITZERLAND)		
VT 009 587	ED 034 036	778
International Standard Classification of Occupations.		

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

		PAGE
IOWA HWSPITAI ASSOCIATION, INC., DES MOINES. INTERORGANIZATIONAL COMMITTEE		
VT 008 978		777
Report of the Study of Staff Nurse Position Responsibilities in Iowa General Hospital.		
IOWA STATE MANPOWER DEVELOPMENT COUNCIL, DES MOINES		
VT 003 595		767
Opportunities in Apprenticeship and Skilled Trades in Iowa.		
IOWA STATE UNIV. OF SCIENCE AND TECHNOLOGY, AMES		
VT 006 298		820
Experiences of Iowa Senior High School Girls in Housing.		
VT 006 300		794
Suggestions for Homemaking Programs tc Meet Needs of Educable Mentally Retarded Pupils.		
VT 006 506		784
Ability of a Value Inventory to Discriminate Among Homemakers with Different Characteristics.		
VT 006 581		768
Personnel and Training Needs for Skilled and Technical Workers in Iowa Industries Manufacturing and Fabricating Plastics.		
IOWA UNIV., IOWA CITY. INST. OF GERONTOLOGY		
VT 006 465		836
Selected References on Hcmemaker-Health Aide Services.		
JACKSON, VIVIAN CARTER		
VT 008 225		833
Role Play in New Careers Training.		
JOHNSON, BENTON, ED.		
VT 002 651	ED 036 605	820
The Conference on Unexplored Aspects of the Development of Occupational Goals of Youth, 1965.		
JOINT COMMISSION ON CORRECTIONAL MANPOWER AND TRAINING, WASHINGTON, D.C.		
VT 007 770	ED 029 100	796
Offenders as a Correctional Manpower Resource. Report of a SeminaR (Washington, D.C., March 7-8, 1968)..		
VT 008 836	ED 036 617	797
Research in Correctional Rehabilitation.		
VT 008 837		797
Research in Correctional Rehabilitation. Summary.		
VT 008 848	ED 031 576	797
Differences That Make the Difference.		
VT 008 849		798
Differences That Make the Difference. Summary.		
VT 008 852		798
The University and Corrections: Potential for Collaborative Relationships.		
VT 008 853		798
The University and Corrections: Potential for Collaborative Relationships. Summary.		
VT 008 867		798
Offenders as a Correctional Manpower Resource. Summary.		
VT 008 897	ED 032 409	798
The Legal Challenge to Corrections: Implications for Manpower and Training.		
VT 008 898		799
The Legal Challenge to Corrections: Implications for Manpower and Training. Summary.		
VT 009 542	ED 034 029	800
Manpower for Correctional Rehabilitation in the South.		
JOINT COMMITTEE ON GOVERNMENT AND FINANCE, CHARLESTON, W, VA.		
VT 008 281		757
A Report on a Summary and Recommendations Adapted from West Virginia Legislative Study of Vocational, Technical, and Adult Education. 1967.		
JORDAN, M.		
VT 002 393		762
Vision and Revision: Report of a Curriculum Revision Project in a Practical Nursing Program.		
JOSEPH, MICHAEL P., AND OTHERS		
VT 006 714		795
The Minneapolis Work Opportunity Center. May, 1966 to June, 1968.		
KANSAS STATE UNIV., MANHATTEN. COLL. OF EDUCATION		
VT 007 980		804
Vocational Agriculture Course Objectives and Occupational Work Experience.		
KANSAS VOCATIONAL EDUCATION RESEARCH COORDINATING UNIT, TOPEKA		
VT 009 780	ED034 848	811
Kansas Vocational Education Research Coordinating Unit.		
KAUFMAN, JACOB J.		
VT 007 701		753
Better Options, Better Lives.		

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

PAGE

KENADJIAN, BERDJ
VT 009 544 ED 036 619 805
The Implications of Job Opportunities in Transportation for Priorities in Vocational-Technical Education. Working Paper.

KENTUCKY RESEARCH COORDINATING UNIT, LEXINGTON
VT 010 094 ED 034 890 813
Continuation of the Kentucky Research Coordinating Unit.

KENTUCKY STATE DEPT. OF ECONOMIC SECURITY, FRANKFORT. DIV. OF PUBLIC ASSISTANCE
VT 002 705 792
Vocational Rehabilitation of Disabled Public Assistance Clients (Johnson, Martin, and Lawrence Counties).
VT 002 715 792
Vocational Rehabilitation of Disabled Public Assistance Clients. Leslie, Harlan and Bell Counties.

KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF REHABILITATION SERVICES
VT 002 705 792
Vocational Rehabilitation of Disabled Public Assistance Clients (Johnson, Martin, and Lawrence Counties).
VT 002 715 792
Vocational Rehabilitation of Disabled Public Assistance Clients. Leslie, Harlan and Bell Counties.

KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL AND REHABILITATION SERVICES
VT 005 863 749
Vocational Rehabilitation Needs and Resources in Eastern Kentucky.

KENTUCKY UNIV., LEXINGTON. BUREAU OF SCHOOL SERVICE
VT 005 863 749
Vocational Rehabilitation Needs and Resources in Eastern Kentucky.

KINGSBOROUGH COMMUNITY COLL., BROOKLYN, N.Y.
VT 010 324 ED 036 643 824
Nurse Tutoring Study of the City University of New York; Interim Progress Report.

KINGSTON, R.D.
VT 008 514 757
Allied Health Education.

KIRBY, FREDERICK C.
VT 009 614 ED 034 039 786
Benefit-Cost Analysis of TAT Phase I Worker Training. Training and Technology Project. Special Report.

KISHKUNAS, LOUIS J.
VT 009 475 ED 033 226 790
A Comprehensive Concept for Vocational Education Facilities: Introduction, Flexibility through Modularity, Space Determination, Schematic Modernization, A School Planner's Guide to the Pittsburgh Building Code, Appendixes.

KITCHEL, JOANNE, ED.
VT 002 651 ED 036 605 820
The Conference on Unexplored Aspects of the Development of Occupational Goals of Youth, 1965.

KITTLESON, HOWARD M.
VT 010 098 ED 034 894 788
Attitudes Toward Entreprenedrial Behavior and Education--Their Relationship to Instruction.

KIVETT, VIRA RODGERS
VT 004 353 784
Home Managers' Program, Evaluation.

KLAURENS, MARY K.
VT 010 401 ED 036 649 830
Occupational Experience and Career Development Training for Distributive Educators and Vocational Counselors.

KOGAN PAGE, LONDO (ENGLAND)
VT 008 907 ED 034 021 777
Training Guide: Construction.

KOKASKA, CHARLES J., AND OTHERS
VT 008 568 797
Annotated Bibliography of Literature Related to Industrial Arts for the Mentally Retarded.

KRAFT, RICHARD H.P.
VT 009 690 ED 034 055 786
Cost Effectiveness Analysis of Vocational-Technical Education Programs.

LARSON, MILTON E.
VT 002 678 826
Institute Interest of Technical, Trade and Industrial Teachers of Colorado.
VT 010 131 ED 035 744 829
Utilization of Competency Examinations in Vocational and Technical Education.

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

PAGE

LECZNAR, W.B., AND OTHERS
VT 010 147 824
Vocational-Technical Education: New Horizons; A Symposium Presented at the Meeting of the American Personnel and Guidance Association. 1969.

LEE, ARTHUR M.
VT 009 785 ED 034 065 811
Continuation of Arizona Occupational Research Coordinating Unit.

LETON, DONALD A.
VT 007 293 ED 024 081 821
Concepts of Career Fields Held by Eleventh Grade Students.

LEVITCH, JOEL A.
VT 008 132 774
Occupational Therapy--A New Lift for the Disabled.

LIEBERT, LISA
VT 001 231 792
New Careers and Model Cities: A Partnership for Human Renewal.

LOREEN, C.O., COMP.
VT 010 295 ED 036 635 816
Summaries of Studies in Agricultural Education, Pacific Region, 1968-69. An Annotated Bibliography of Studies in Agricultural Education.

LOUISIANA AGRICULTURAL EXPERIMENT STATION, BATON ROUGE
VT 003 900 767
The Labor Force Characteristics of Women in Low-Income Rural AreaS of the South.

LYNTON, EDITH F.
VT 008 053 772
New Careers Potentials in Health: In the Hospital.
VT 008 065 773
New Careers Potentials in Health: Beyond the Hospital.

MALEY, DONALD
VT 009 792 ED 034 852 806
The Maryland Plan for Industrial Arts in the Junior High School and the Behavioral Task Analysis Approach.

MANDALFINO, S.A.
VT 006 166 749
Potentials of a Centralized Community Homemaker Service.

PAGE

MANLEY, FRED WILLIAMS, COMP.
VT 009 767 ED 034 846 822
Technical Education Curriculums in Agriculture and Natural Resources in the United States of America.

MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C.
VT 002 888 748
The MDTA and Your Health Manpower Needs.
VT 007 655 771
Highlights of the 1968 Manpower Report of the President.
VT 010 180 ED 036 629 815
Manpower Research Projects Sponsored by the U.S. Department of Labor, Manpower Administration Through June 30, 1969.

MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. BUREAU OF APPRENTICESHIP AND TRAINING
VT 004 803 748
National Painting and Decorating Apprenticeship and Training Stanards.

MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. EMPLOYMENT SERVICE
VT 010 086 ED 035 741 780
Technical Report on Occupations in Numerically Controlled Metal-Cutting Machining.

MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. MANPOWER RESEARCH STUDY SUMMARY
VT 009 163 778
The Shortage of Skilled and Technical Workers. Summary.

MARTIN, CORA ANN
VT 005 425 768
Nebraska's Nurse Supply, Needs and Resources--1966.

MASSACHUSETTS ADVISORY COUNCIL ON EDUCATION, BOSTON
VT 007 701 753
Better Options, Better Lives.

MASSACHUSETTS RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, BOSTON
VT 009 795 ED 034 853 787
A Guide to Evaluation; Massachusetts Information Feedback System for Vocational Education. First Technical Progress Report.

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

		PAGE
MASSACHUSETTS STATE DEPT. OF EDUCATION, BOSTON		
VT 008 543	ED 036 615	796
Selected Bibliography of Books, Pamphlets, Periodicals, and Curriculum Guides in Work Study for the Educable Retarded.		
MCCRACKEN, DAVID		
VT 009 752	ED 034 061	810
Intensive Training for Job Entry Skills: A Selected Bibliography for Use in Program Development.		
VT 009 753	ED 034 062	810
Work Experience for Broadening Occupational Offerings: A Selected Bibliography for Use in Program Development.		
MCINTOSH, ROBERT W.		
VT 002 493		747
Recruiting and Training Employees in the Service Industries.		
VT 002 495		747
Employee Motivation and Work Incentives in the Service Industries.		
MCNICKLE, ROMA K., ED.		
VT 008 848	ED 031 576	797
Differences That Make the Difference.		
MCWETHY, DAVID D.		
VT 009 277		778
A Guide to Overseas Professional Opportunities for Industrial Education Personnel.		
MCWHERTER, JO ANN		
VT 008 244		796
Vocational-Technical Education Brings Success to These Tennesseans. Volumes I and II.		
MELTZ, NOAH M.		
VT 008 901		777
Canada's Manpower Requirements in 1970.		
MICHIGAN EMPLOYMENT SECURITY COMMISSION, DETROIT		
VT 007 602		771
Exploring Michigan's Employment Expectations.		
MICHIGAN STATE DEPT. OF LABOR, DETROIT. EMPLOYMENT SECURITY COMMISSION		
VT 008 172		774
Control Totals of Employment in Major Industry by Major Occupation Matrix for Michigan--1960.		
MICHIGAN STATE DEPT. OF LABOR, DETROIT. EMPLOYMENT SECURITY COMMISSIONMI		
VT 008 172		774
Control Totals of Employment in Major Industry by Major Occupation Matrix for Michigan--1960.		
MICHIGAN STATE UNIV., EAST LANSING. COOPERATIVE EXTENSION SERVICE		
VT 002 493		747
Recruiting and Training Employees in the Service Industries.		
VT 002 495		747
Employee Motivation and Work Incentives in the Service Industries.		
MICHIGAN UNIV., ANN ARBOR. BUREAU OF SCHOOL SERVICES		
VT 002 440		747
Montcalm County Vocational-Technical Education Study.		
MIDJAAS, RUTH E., AND OTHERS		
VT 007 832		833
Young Women in Fort Collins, Colorado.		
MILLER, AARON J.		
VT 009 842	ED 035 724	758
Second National Leadership Development Seminar for State Directors of Vocational Education.		
MILLER, HARRIS E.		
VT 007 243		821
A Survey of Vocational Education Interest Among Sophomores in Six Iron Range School Districts.		
MILLER, PATRICIA A.		
VT 008 903		786
Opinions of Ninth and Twelfth Grade Girls and Young Homemakers as to Knowledge and Competencies Needed for Roles as Homemakers.		
MILLER, TEXTON R.		
VT 009 843	ED 034 864	828
Implementing a New Concept of Supervised Practice in Vocational Agriculture.		
MINISTRY OF LABOUR, ISRAEL. MANPOWER PLANNING AUTHORITY		
VT 008 813		776
Manpower Research, Women in the Labour Force.		
MINNEAPOLIS PUBLIC SCHOOLS, MINN. WORK OPPORTUNITY CENTER		
VT 006 714		795
The Minneapolis Work Opportunity Center. May, 1966 to June, 1968.		

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

MINNESOTA RESEARCH COORDINATING UNIT IN OCCUPATIONAL EDUCATION, MINNEAPOLIS
VT 007 478 808
Report of an Evaluation of a Summer Institute for Training Researchers in Occupational Education.
VT 010 100 ED 034 896 814
Minnesota Research Coordinating Unit for Vocational Education.

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL
VT 009 169 763
Directory of Courses Offered in Area Vocational-Technical Schools.

MINNESOTA UNIV., DULUTH. EDUCATIONAL RESEARCH AND DEVELOPMENT COUNCIL OF NORTHEAST MINNESOTA
VT 007 243 821
A Survey of Vocational Education Interest Among Sophomores in Six Iron Range School Districts.

MINNESOTA UNIV., MINNEAPOLIS
VT 006 414 832
An Experimental Evaluation of Selected Presentation Modes in the Self-Instruction of a Manipulative Industrial Arts Learning Task.
VT 009 993 ED 034 888 760
Notes and Working Papers from the National Conference on Cooperative Vocational Education; Implications of the 1968 Amendments.

MINNESOTA UNIV., MINNEAPOLIS. COLL. OF EDUCATION
VT 010 401 ED 036 649 830
Occupational Experience and Career Development Training for Distributive Educators and Vocational Counselors.

MINNESOTA UNIV., MINNEAPOLIS. INDUSTRIAL RELATIONS CENTER
VT 006 617 769
Corporate Manpower Planning.

MINNESOTA UNIV., ST. PAUL. DEPT. OF AGRICULTURAL EDUCATION
VT 010 098 ED 034 894 788
Attitudes Toward Entreprenedrial Behavior and Education--Their Relationship to Instruction.

MISSOURI AGRICULTURAL EXPERIMENT STATION, COLUMBIA
VT 007 340 771
Perception of Job Opportunities Among Low-Income Groups in Missouri.

MONTCALM COUNTY INTERMEDIATE SCHOOL DISTRICT, MICH.
VT 002 440 747
Montcalm County Vocational-Technical Education Study.

MORLOCK, MAUD
VT 006 325 750
Homemaker Services--History and Bibliography.

MORRIS, JAMES O.
VT 007 155 769
Bibliography of Industrial Relations in Latin America.

MOSS, JEROME, JR.
VT 010 100 ED 034 896 814
Minnesota Research Coordinating Unit for Vocational Education.

MOULLETTE, JOHN B.
VT 008 739 804
Determining Group Perceptions of Vocational School Characteristics.

MOUNT SAN JACINTO COLL., GILMAN HOT SPRINGS, CALIF.
VT 007 349 833
A Study of the Comparative Teaching Efficiency of a Multi-Media Instructional System Versus the Traditional Lecture Method for Youth Who Have Academic and Socioeconomic Handicaps.

MURPHY, LILA CATHERINE
VT 009 623 ED 034 040 827
The Feasibility of Audiotape-Telephone Supervision of High School Teachers.

MUTHARD, JOHN E., ED.
VT 010 149 ED 032 576 815
Six Years of Rehabilitation Research: Studies of Personnel in Health Related Professions, Client Motivation, and Research Utilization.

MYERS, NANCY MOORE
VT 004 353 784
Home Managers' Program, Evaluation.

NATIONAL ADVISORY COUNCIL ON EDUCATION FOR INDUSTRY AND COMMERCE, LONDON (ENGLAND)
VT 008 881 790
A Report on the Use of Buildings and Equipment.

NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY, SACRAMENTO
VT 010 316 ED 036 640 781
Mental Health Manpower and the Psychiatric Technician.

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

		PAGE
NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY, SACRAMENTO, CALIF.		
VT 009 696	ED 034 059	806
Community Mental Health and the Psychiatric Foundation.		
NATIONAL COMMITTEE FOR CAREERS IN MEDICAL TECHNOLOGY, WASHINGTON, D.C.		
VT 009 910	ED 034 872	759
Manpower for the Medical Laboratory.		
VT 010 066	ED 035 739	780
Work Experience of Certified Laboratory Assistants.		
NATIONAL COMMITTEE ON EMPLOYMENT OF YOUTH, NEW YORK, N.Y.		
VT 008 053		772
New Careers Potentials in Health: In the Hospital.		
VT 008 065		773
New Careers Potentials in Health: Beyond the Hospital.		
VT 010 119	ED 035 743	802
A Guide to the Development of Vocational Education Programs and Services for the Disadvantaged.		
NATIONAL COUNCIL FOR HOMEMAKER SERVICES, INC., NEW YORK, N.Y.		
VT 002 428		746
1967--Year of Decision (5th Annual Report).		
VT 006 166		749
Potentials of a Centralized Community Homemaker Service.		
VT 006 413		751
Homemaker Home Health Aide-Services for Families with a Mentally Retarded Member.		
NATIONAL COUNCIL FOR HOMEMAKER SERVICES, NEW YORK, N.Y.		
VT 006 465		836
Selected References on Homemaker-Health Aide Services.		
NATIONAL COUNCIL ON MEDICAL TECHNOLOGY EDUCATION, BETHESDA, MD.		
VT 010 066	ED 035 739	780
Work Experience of Certified Laboratory Assistants.		
NATIONAL COUNCIL ON MEDICAL TECHNOLOGY EDUCATION, MEMPHIS, TENN.		
VT 009 750	ED 034 844	758
Report of a National Study of Cytotechnologists: Education and Performance Relationships.		
VT 009 751	ED 034 845	787
National Correlations in Medical Technology Education.		
NATIONAL JOINT PAINTING AND DECORATING APPRENTICESHIP AND TRAINING COMMITTEE		
VT 004 803		748
National Painting and Decorating Apprenticeship and Training Stanards.		
NATIONAL LEAGUE FOR NURSING, NEW YORK, N.Y. COMMITTEE ON PERSPECTIVES		
VT 005 214		804
Perspectives for Nursing.		
NATIONAL LEAGUE FOR NURSING, NEW YORK, N.Y. DEPT. OF BACCALAUREATE AND HIGHER DEGREE PROGRAMS		
VT 009 232		822
College Education: Key to a Professional Career in Nursing.		
NATIONAL LEAGUE FOR NURSING, NEW YORK, N.Y. DEPT. OF DIPLOMA AND ASSOCIATE DEGREE PROGRAMS		
VT 005 149		832
A New Look at the Why and the How of Clinical Laboratory Experiences.		
NATIONAL LEAGUE FOR NURSING, NEW YORK, N.Y. DEPT. OF DIPLOMA PROGRAMS		
VT 009 231		822
Education for Nursing--the Diploma Way.		
NATIONAL LEAGUE FOR NURSING, NEW YORK, N.Y. DEPT. OF PRACTICAL NURSING PROGRAMS		
VT 002 393		762
Vision and Revision: Report of a Curriculum Revision Project in a Practical Nursing Program.		
VT 005 153	ED 036 607	762
The Application of Criteria in Practical Nursing Programs: Papers Presented at the Conference of the Council of Member Agencies of the Department of Practical Nursing Programs. 1966.		
VT 008 013		804
Statements Regarding Practical Nursing and Practical Nursing Education.		
VT 008 019		755
Let's Be Practical About a Nursing Career.		
NATIONAL LEAGUE FOR NURSING, NEW YORK, N.Y. RESEARCH AND DEVELOPMENT		
VT 009 902	ED 034 870	764
An Approach to the Teaching of Psychiatric Nursing in Diploma and Associate Degree Programs.		

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

PAGE

NATIONAL PLANNING ASSOCIATION, WASHINGTON, D.C. CENTER FOR PRIORITY ANALYSIS
VT 007 757 ED 036 610 772
Implications of Career Openings in Health Occupations for Priorities in Vocational-Technical Education.
VT 007 758 ED 036 611 772
Implications of Career Openings in Social Welfare Occupations for Priorities in Vocational-Technical Education.
VT 009 544 ED 036 619 805
The Implications of Job Opportunities in Transportation for Priorities in Vocational-Technical Education. Working Paper.

NATIONAL RESTAURANT ASSOCIATION, CHICAGO, ILL.
VT 006 143 820
Careers in the Quantity Food Industry.

NAVAL TRAINING DEVICE CENTER, ORLANDO, FLA.
VT 008 814 ED 034 020 833
Study of Training Equipment and Individual Differences: The Effects of Subject Matter Variables. Report and Supplementary Report.

NEBRASKA OCCUPATIONAL NEEDS RESEARCH COORDINATING UNIT, LINCOLN
VT 007 258 784
Analyzing Vocational Competencies in Auto Mechanics.
VT 010 165 ED 035 757 815
Activities of the Nebraska Research Coordinating Unit for Vocational Education.

NEBRASKA STATE DEPT. OF HEALTH, LINCOLN. SECTION OF HOSPITALS AND MEDICAL FACILITIES
VT 005 425 768
Nebraska's Nurse Supply, Needs and Resources--1966.

NEBRASKA UNIV., LINCOLN. DEPT. OF AGRICULTURAL EDUCATION
VT 010 322 ED 036 642 818
Summaries of Studies in Agricultural Education, Central Region 1968-69. An Annotated Bibliography of Studies in Agricultural Education.

NEBRASKA UNIV., LINCOLN. DEPT. OF HOME ECONOMICS EDUCATION
VT 009 928 ED 034 876 759
A Guide for the Development of Consumer and Homemaking Education.

PAGE

NELSON, HOWARD F.
VT 010 100 ED 034 896 814
Minnesota Research Coordinating Unit for Vocational Education.

NEVADA OCCUPATIONAL RESEARCH COORDINATING UNIT, RENO
VT 010 303 ED 036 637 817
Nevada State Occupational Research Coordinating Unit.

NEW CAREERS DEVELOPMENT ORGANIZATION, OAKLAND, CALIF.
VT 010 156 ED 035 754 780
Develop New Careers Ladders, With Appropriate Education Components, In the Administration of Justice. Technical Report.

NEW HAMPSHIRE HEALTH CAREERS COUNCIL, CONCORD
VT 009 855 ED 036 620 823
A Guidance Counselor's Handbook to Career Opportunities in the Health Field.

NEW HAMPSHIRE RESEARCH COORDINATING UNIT FOR VOCATIONAL-TECHNICAL EDUCATION, CONCORD
VT 007 442 785
An Evaluation of The Curriculum Guide for Home Economics in New Hampshire Grades 9-12.
VT 007 481 826
Workshop Guidelines to Prepare Inservice Educators for Health-Care Agencies.
VT 008 275 785
A Study to Determine the Adequacy of the Vocational Education Programs at the White Mountains Regional High School.

NEW JERSEY OCCUPATIONAL RESEARCH AND DEVELOPMENT BRANCH, TRENTON
VT 008 662 836
Source Book of Research Titles and Related Materials in Vocational-Technical Education, 1968-69.

NEW MEXICO STATE UNIV., UNIVERSITY PARK. DEPT. OF AGRICULTURAL AND EXTENSION EDUCATION
VT 006 426 826
Adult Leadership Development. A Graduate Workshop Summary Report.

NEW YORK CITY COMMUNITY COLL., N.Y. DIV. OF CONTINUING EDUCATION AND EXTENSION SERVICES
VT 008 434 786
The Hospital Employees Technological Training Program.

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

PAGE

NEW YORK STATE AGRICULTURAL AND TECHNICAL COLL., ALFRED
VT 007 693 753
Survey to Assess the Needs of Post-Secondary Vocational Training in the Western Half of New York State.

NEW YORK STATE EDUCATION DEPT., ALBANY
VT 008 176 756
Feasibility Study for Aviation Programs.

NEW YORK STATE EDUCATION DEPT., ALBANY. BUREAU OF OCCUPATIONAL EDUCATION RESEARCH
VT 009 641 ED 034 042 800
Guided Occupational Training. A Vocational Work Experience Program for Intellectually Limited and Educationally Handicapped Students.
VT 010 093 ED 034 889 813
The Continuation of Federal Support for the New York State Research Coordinating Unit for Vocational Education.

NEW YORK STATE UNIV., N.Y.
VT 008 176 756
Feasibility Study for Aviation Programs.

NEW YORK UNIV., N.Y. NEW CAREERS DEVELOPMENT CENTER
VT 001 231 792
New Careers and Model Cities: A Partnership for Human Renewal.
VT 008 053 772
New Careers Potentials in Health: In the Hospital.
VT 008 065 773
New Careers Potentials in Health: Beyond the Hospital.

NEW YORK UNIV., N.Y. NEW CAREERS TRAINING LAB.
VT 007 295 796
Career-Oriented Training.
VT 008 225 833
Role Play in New Careers Training.

NICHOLS, JACK D.
VT 009 627 ED 034 041 800
A Selected Bibliography on Training in Correctional Institutions.

NORTH CAROLINA EMPLOYMENT SECURITY COMMISSION, RALEIGH. BUREAU OF EMPLOYMENT SECURITY RESEARCH
VT 008 073 773
Spotlight on Job Opportunities.

PAGE

NORTH CAROLINA RESEARCH COORDINATING UNIT IN OCCUPATIONAL EDUCATION, RALEIGH
VT 009 980 ED 034 883 813
The Establishment and Development of a Research Coordinating Unit in Occupational Education in North Carolina.

NORTH CAROLINA STATE BOARD OF EDUCATION, RALEIGH. DEPT. OF COMMUNITY COLL.
VT 008 086 773
A Study of Inactive Professional Health Personnel in North Carolina.

NORTH CAROLINA STATE BOARD OF EDUCATION, RALEIGH. DEPT. OF COMMUNITY COLLEGES
VT 001 669 746
A Guide for the Establishment of Comprehensive Community Colleges in North Carolina.

NORTH CAROLINA UNIV., RALEIGH. N.C. STATE UNIV. DEPT. OF AGRICULTURAL EDUCATION
VT 009 843 ED 034 864 828
Implementing a New Concept of Supervised Practice in Vocational Agriculture.

NORTHERN IRELAND-CANADA-UNITED STATES OF AMERICA NURSE TEACHER EXCHANGE
VT 008 825 827
Report by Advisory Committee on a Pilot Scheme for the Exchange of Nurse Teachers.

OFFICE OF ECONOMIC OPPORTUNITY, WASHINGTON, D.C.
VT 009 759 ED 035 717 801
Employment Programs for the Poor. A Community Action Agency Manpower Guidebook.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
VT 002 512 826
Training Programs for Teachers and Leaders of Gainful Employment Training Programs in Home Economics.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. DIV. OF COMPREHENSIVE AND VOCATIONAL EDUCATION RESEARCH
VT 009 491 ED 033 232 764
DCVR Projects Related to Adult Education, and Projects Related Wholly or Partially to Office and Distributive Occupations, July 1, 1964-June 30, 1969.

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

		PAGE
OFFICE OF MANPOWER POLICY, EVALUATION, AND RESEARCH (DOL), WASHINGTON, D.C.		
VT 003 902		793
Training of Public Assistance Recipients under the MDTA.		
VT 007 340		771
Perception of Job Opportunities Among Low-Income Groups in Missouri.		
OFFICE OF MANPOWER, AUTOMATION AND TRAINING (DOL), WASHINGTON, D.C.		
VT 003 901		793
Graduates of the Norfolk Project.		
OFFICE OF PERSONNEL (DOA), WASHINGTON, D.C. PROGRAM AND POLICY DEVELOPMENT DIV.		
VT 003 570		766
Trends and Turnover of Manpower in USDA.		
OHIO RESEARCH COORDINATING UNIT IN OCCUPATIONAL EDUCATION, COLUMBUS		
VT 010 096	ED 034 892	813
Ohio Occupational Research and Development Coordinating Unit.		
OHIO STATE DEPT. OF EDUCATION, COLUMBUS. DIV. OF GUIDANCE AND TESTING		
VT 002 690		820
Ohio Vocational Education Notebook.		
VT 007 225		820
An Interview with Your Coordinator of Vocational Guidance.		
OHIO STATE DEPT. OF EDUCATION, COLUMBUS. DIV. OF VOCATIONAL EDUCATION		
VT 007 234		752
Statutes Concerning Joint Vocational School Districts.		
VT 007 654		753
Statutes Concerning Technical Institutes and Community Colleges.		
OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION		
VT 009 752	ED 034 061	810
Intensive Training for Job Entry Skills: A Selected Bibliography for Use in Program Development.		
VT 009 753	ED 034 062	810
Work Experience for Broadening Occupational Offerings: A Selected Bibliography for Use in Program Development.		
VT 009 805	ED 035 720	812
A Plan for Research in Distributive Education; Report of a Research Planning Seminar.		
VT 009 842	ED 035 724	758
Second National Leadership Development Seminar for State Directors of Vocational Education.		
VT 010 109	ED 034 898	814
Review and Synthesis of Research in Industrial Arts Education.		
VT 010 304	ED 036 638	817
Review and Synthesis of Research in Trade and Industrial Education. Second Edition.		
VT 010 306	ED 036 639	817
Review and Synthesis of Research in Technical Education. Second Edition.		
VT 011 173	(See Aug '70 RIE)	837
Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.		
VT 011 200	(See Aug '70 RIE)	837
Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.		
OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION		
VT 008 603		763
Annual Central Regional Research Conference in Agricultural Education. 1967.		
OKLAHOMA EMPLOYMENT SECURITY COMMISSION, OKLAHOMA CITY. RESEARCH AND PLANNING DIV.		
VT 008 780		776
Manpower in Oklahoma: Northwest Region.		
OKLAHOMA STATE UNIV., STILLWATER		
VT 006 601		808
The Adaptation of PERT for Coordinating Interdisciplinary Manpower Research in a University Setting.		
OKLAHOMA VOCATIONAL RESEARCH COORDINATING UNIT, STILLWATER		
VT 007 292		821
Determining Employment Needs, Educational Feasibilities, and Potential Enrollments in Occupational Home Economics at the Post-Secondary Level in Oklahoma.		
VT 010 204	ED 035 760	815
Research Coordinating Unit for Vocational Education in Oklahoma.		

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

		PAGE
OLSON, DAVID OLIN VT 009 820 ED 034 858 An Experimental Study to Determine Success of Performance with Selected Woodworking Hand Tools by Children with Specific Learning Handicaps.		801
OMVIG, CLAYTON P. VT 010 094 ED 034 890 Continuation of the Kentucky Research Coordinating Unit.		813
ONTARIO DEPT. OF HEALTH, TORONTO. ENVIRONMENTAL HEALTH BRANCH VT 008 233 Occupational Health Nursing in Ontario.		774
OREGON EDUCATIONAL COORDINATING COUNCIL, SALEM VT 009 864 ED 036 621 The Proprietary School in Oregon.		759
OREGON STATE ADVISORY COUNCIL FOR VOCATIONAL EDUCATION VT 008 873 The Challenge of Change; The Role of Occupational Education in Oregon.		805
OREGON STATE SYSTEM OF HIGHER EDUCATION, MONMOUTH. TEACHING RESEARCH DIV. VT 009 664 ED 034 046 Vocational Education--General Education Situation Study.		806
OREGON STATE UNIV., CORVALLIS. DEPT. OF STATISTICS VT 009 650 ED 034 843 Competencies of Vocational Teachers.		828
OREGON UNIV., EUGENE. CENTER FOR RESEARCH IN OCCUPATIONAL PLANNING VT 002 651 ED 036 605 The Conference on Unexplored Aspects of the Development of Occupational Goals of Youth, 1965.		820
OREGON VOCATIONAL EDUCATION RESEARCH COORDINATING UNIT, CORVALLIS VT 010 153 ED 034 900 Oregon Research Coordinating Unit for Vocational Education.		815
ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT, PARIS (FRANCE). SOCIAL AFFAIRS DIV. VT 004 909 ED 034 841 Geographical and Occupational Mobility of Workers in the Aircraft and Electronics Industries, Regional Trade Union Seminar, 1966.		767
OSTROWIAK, LAURIE N. VT 009 395 ED 032 282 Teacher-Assistant Cooperative Training; K Through 8 Grades.		827
PANIAGUA, LITA VT 008 225 Role Play in New Careers Training.		833
PARKS, GERALD ARTHUR VT 009 409 ED 034 025 Industry-Education Mutual Involvement in Industrial Teacher Preparation and Upgrading.		764
PAULTER, ALBERT J. VT 010 304 ED 036 638 Review and Synthesis of Research in Trade and Industrial Education. Second Edition.		817
PEARCE, FRANK C. VT 001 343 Continuing Employment Through Training.		766
PEAY, MOISELLE VT 010 296 ED 035 772 Personnel Training and Employment Needs of Hospital Food Services in Tennessee.		781
PENNSYLVANIA AGRICULTURAL EXPERIMENT STATION, UNIVERSITY PARK VT 007 309 Abstracts of Research in Agricultural Education 1965-66.		808
PENNSYLVANIA RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, HARRISBURG VT 009 796 ED 034 072 The Establishment of a State Research Coordinating Unit in Vocational Education in Pennsylvania.		812
PENNSYLVANIA STATE DEPT. OF PUBLIC INSTRUCTION, HARRISBURG. BUREAU OF VOCATIONAL, TECHNICAL AND CONTINUING EDUCATION VT 008 248 Achievement Report on Area Vocational-Technical School Development, 1963 to June 30, 1968.		756
PENZ, G. PETER VT 008 901 Canada's Manpower Requirements in 1970.		777
PERRY, C. WARREN, ED. VT 009 845 ED 034 865 Manpower Conference for the Health Related Professions, and Dedication, School of Health Related Professions.		779

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

		PAGE
PERRYMAN, BRUCE C.		
VT 008 997		809
Papers Presented at the Research Workshop for Teachers and Administrators in Vocational Education. 1969.		
VT 010 097	ED 034 893	814
The Establishment of a Research Coordinating Unit for Vocational Education in Wyoming and Addendum No. 3. Bibliography of Research Coordinating Unit Educational Materials.		
PETERS, IRENE		
VT 007 481		826
Workshop Guidelines tc Prepare Inservice Educators for Health-Care Agencies.		
PHILLIPS, DONALD S.		
VT 010 306	ED 036 639	817
Review and Synthesis of Research in Technical Education. Second Edition.		
PISANI, T.J.		
VT 002 848		790
At Last, for That Limited Budget, A Testing Machine within Reach of All.		
POLK, KENNETH		
VT 008 852		798
The University and Corrections: Potential for Collaborative Relationships.		
PORTER, G. HERMAN		
VT 001 669		746
A Guide for the Establishment of Comprehensive Community Colleqesin North Carolina.		
PRATZNER, FRANK CHARLES		
VT 009 260	ED 034 023	763
Testing an Empirical Procedure for Identifying Technical Associative Conceptual Structure: Discriminating Between Workmen Within and Between Two Occupations.		
PRESIDENT'S COMMITTEE ON EMPLOYMENT OF THE HANDICAPPED, WASHINGTON, D.C.		
VT 007 192		795
Minutes. Annual Meeting, 1967.		
PUBLIC AFFAIRS COMMITTEE, INC., NEW YORK, N.Y.		
VT 008 131		755
Homemaker Services for Families and Individuals.		
VT 008 132		774
Occupational Therapy--A New Lift for the Disabled.		
PUBLIC HEALTH SERVICE (DHEW), WASHINGTON, D.C.		
VT 007 191		770
Nursing Careers Among the American Indians.		
VT 008 163		756
Health Planning; A Programmed Instruction Course.		
PUBLIC HEALTH SERVICE (DHEW), WASHINGTON, D.C. NATIONAL CENTER FOR HEALTH STATISTICS		
VT 010 281	ED 035 770	781
Health Manpower, United States 1965-1967; Vital and Health Statistics Data on National Health Resources.		
PUERTO RICO DEPT. OF LABOR, SAN JUAN. LABOR FORCE STATISTICS DIV.		
VT 008 819		777
Work Experience in Puerto Rico: Calendar Yeaz 1968.		
QUEEN'S UNIV., KINGSTON, ONTARIO (CANADA). INDUSTRIAL RELATIONS CENTRE		
VT 009 646	ED 034 043	779
Manpower Management in Canada; A Selected Biblioqraphy.		
QUINLAN, PIERCE A.		
VT 003 901		793
Graduates of the Norfolk Project.		
RAND CORP., SANTA MONICA, CALIF.		
VT 009 798	ED 035 719	787
Appraising Selected Manpower Training Programs in the Los Angeles Area.		
RANDLEMAN, ROBERT R.		
VT 007 478		808
Report of an Evaluation of a Summer Institute for Training Researchers in Occupational Education.		
REED, RITCHIE H.		
VT 008 160		774
Estimates and Projections of the Labor Force and Civilian Employment in the U.S.S.R.; 1950-1975.		
REHABILITATION SERVICES, ADMINISTRATION (DHEW), WASHINGTON, D.C.		
VT 008 836	ED 036 617	797
Research in Correctional Rehabilitation.		
REINHART, BRUCE		
VT 009 691	ED 034 056	787
Cost Benefit Analysis--Trade and Technical Education.		

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

PAGE

VT 009 839 ED 034 863 758
Profiles of Trade and Technical Leaders: Comprehensive Report.

RHODE ISLAND OCCUPATIONAL RESEARCH AND DEVELOPMENT COORDINATING UNIT, PROVIDENCE
VT 009 787 ED 034 851 812
Establishment of an Occupational Research and Development Coordinating Unit for the State of Rhode Island.

RHODE ISLAND STATE DEPT. OF EDUCATION, PROVIDENCE. DIV. OF VOCATIONAL EDUCATION
VT 008 149 756
Vocational and Technical Education in Rhode Island--1969-1975.

ROBINSON, LILLIE MCCRAY
VT 007 292 821
Determining Employment Needs, Educational Feasibilities, and Potential Enrollments in Occupational Home Economics at the Post-Secondary Level in Oklahoma.

ROSOFSKY, ROSE G.
VT 003 902 793
Training of Public Assistance Recipients under the MDTA.

RUBIN, LEONARD, ED.
VT 009 936 ED 035 732 802
An Annotated Bibliography on the Employment of Disadvantaged Youth, 1960-1966.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. DEPT. OF VOCATIONAL-TECHNICAL EDUCATION
VT 007 247 804
The Role of the University in Community College Technical Education.

SALISBURY-ROWAN COUNTY COMMUNITY SERVICE COUNCIL, N.C.
VT 004 353 784
Home Managers' Program, Evaluation.

SAN JOAQUIN VALLEY COMMUNITY COLLEGES, CALIF.
VT 008 669 822
Putting the Pieces Together. An Inventory of Occupational Training.

SAN MATEO COLL., CALIF.
VT 007 137 751
Cooperative-Distributive Education, An Alternate Semester Program.

SCHAFFER, CARL J.
VT 007 701 753
Better Options, Better Lives.

VT 010 304 ED 036 638 817
Review and Synthesis of Research in Trade and Industrial Education. Second Edition.

SCHMIDT, JO ANN
VT 008 244 796
Vocational-Technical Education Brings Success to These Tennesseans. Volumes I and II.

SCHNACK, DERMOT J.
VT 007 225 820
An Interview with Your Coordinator of Vocational Guidance.

SCHNACK, DERMOT, ED.
VT 002 690 820
Ohio Vocational Education Notebook.

SCHRAG, ADELE F.
VT 007 561 ED 034 018 762
Data Processing Education in the Schools of Pennsylvania, 1967-1968.

SCHRIVER, WILLIAM R.
VT 007 197 770
Research in Trade and Industrial Education in Tennessee; The Tennessee Manufacturing Economy.

SEAGREN, P.W.
VT 009 868 788
Evaluation of Vocational-Technical Education Program Effectiveness.

SEATTLE PUBLIC SCHOOLS, WASHINGTON
VT 006 168 750
Report of Vocational Needs Study Committee.

SHONTZ, DAVID F., ED.
VT 007 930 809
Research Studies in Programs in Agricultural Education in the North Atlantic Region, 1968-69.
VT 010 328 ED 036 644 818
Abstracts of Research Studies in Agricultural Education Completed in 1968-69 in the North Atlantic Region.

SINICK, DANIEL
VT 009 987 ED 036 625 823
Part-Time, Summer and Volunteer Jobs for Jewish and Other Minority Group Youth.

SMITH, ASHBY G., JR., AND OTHERS
VT 003 433 766
Women Workers in Illinois.

SMITH, IRVING G.
VT 009 199 ED 033 210 790
Involvement of the Industrial Arts Teacher in Planning Industrial Arts Facilities.

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

PAGE

SMITH, J. GARY
VT 007 361 771
A Survey of Need for a Fishery and Marine Resources Technology Program at College of the Redwoods.

SMITH, LARRY JULIAN
VT 007 809 772
Student Interest and Employment Opportunities in the Field of Ornamental Horticulture in Pickens County, South Carolina.

SMITH, VETA SMITH
VT 006 506 784
Ability of a Value Inventory to Discriminate Among Homemakers with Different Characteristics.

SOMERS, GERALD G., AND OTHERS
VT 010 237 ED 035 763 802
The Training and Placement of Older Workers: An Evaluation of Four Community Projects.

SONNE, THOMAS F.
VT 001 967 792
The Employment Adjustment of Veterans with Histories of Psychosisand Psychoneurosis. Technical Report.
VT 004 837 794
They Return to Work. The Job Adjustment of Psychiatrically Disabled Veterans of World War II and Korean Conflict.

SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION
VT 007 809 772
Student Interest and Employment Opportunities in the Field of Ornamental Horticulture in Pickens County, South Carolina.

SOUTH CAROLINA VOCATIONAL EDUCATION RESEARCH COORDINATING UNIT, CLEMSON
VT 007 809 772
Student Interest and Employment Opportunities in the Field of Ornamental Horticulture in Pickens County, South Carolina.

SOUTHERN REGIONAL EDUCATION BOARD, ATLANTA, GA.
VT 009 542 ED 034 029 800
Manpower for Correctional Rehabilitation in the South.

SPENCER, ALBERT GLENN
VT 009 189 ED 034 022 805
Contribution of Industrial Arts to the Understanding of Industry Possessed by Secondary School Students.

SPIESS, EUGENE R., ED.
VT 009 795 ED 034 853 787
A Guide to Evaluation; Massachusetts Information Feedback System for Vocational Education. First Technical Progress Report.

SPIESS, KATHZYN H., ED.
VT 009 795 ED 034 853 787
A Guide to Evaluation; Massachusetts Information Feedback System for Vocational Education. First Technical Progress Report.

STANISLAUS COUNTY MULTI-OCCUPATIONAL ADULT TRAINING PROJECT, MODESTO, CALIF.
VT 001 343 766
Continuing Employment Through Training.

STATE ADVISORY COMMITTEE FOR DEVELOPMENT OF VOCATIONAL EDUCATION IN IDAHO PUBLIC SECONDARY SCHOOLS, IDAHO
VT 007 659 753
Report and Recommendations of the State Advisory Committee for Development of Vocational Education in Idaho Public Secondary Schools.

STATE UNIV. OF NEW YORK, BUFFALO
VT 009 845 ED 034 865 779
Manpower Conference for the Health Related Professions, and Dedication, School of Health Related Professions.

STATE UNIV. OF NEW YORK, ITHACA. SCHOOL OF INDUSTRIAL AND LABOR RELATIONS AT CORNELL UNIV.
VT 006 331 ED 034 017 768
Moonlighters in a Tight Labor Market.
VT 007 155 769
Bibliography of Industrial Relations in Latin America.

STEVENS, GLENN Z., ED.
VT 007 309 808
Abstracts of Research in Agricultural Education 1965-66.

STEVENSON, WILLIAM W.
VT 010 204 ED 035 760 815
Research Coordinating Unit for Vocational Education in Oklahoma.

STOUT STATE UNIV., MENOMONIE, WIS.
VT 006 568 751
Program Summaries of the Annual Industrial Education Conference. 1966.
VT 006 569 832
Program Summaries of the Annual Industrial Education Conference, 1965.

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

		PAGE
STOUT STATE UNIV., MENOMONIE, WIS. INST. FOR VOCATIONAL REHABILITATION		
VT 009 530		799
Work Evaluation.		
VT 009 534		800
Work Evaluation and Work Adjustment.		
STREET, PAUL		
VT 005 863		749
Vocational Rehabilitation Needs and Resources in Eastern Kentucky.		
STUESSY, EUGENE L.		
VT 009 819	ED 035 722	834
An Experiment to Evaluate the Relative Effectiveness of Two Approaches to Teaching College Algebra in Achieving Selected Objectives of College Algebra in Industrial Technology/Curricula.		
SUESS, ALAN R.		
VT 010 109	ED 034 898	814
Review and Synthesis of Research in Industrial Arts Education.		
TALLMADGE, G. KASTEN, AND OTHERS		
VT 008 814	ED 034 020	833
Study of Training Equipment and Individual Differences: The Effects of Subject Matter Variables. Report and Supplementary Report.		
TEEPLE, JOHN		
VT 007 757	ED 036 610	772
Implications of Career Openings in Health Occupations for Priorities in Vocational-Technical Education.		
VT 007 758	ED 036 611	772
Implications of Career Openings in Social Welfare Occupations for Priorities in Vocational-Technical Education.		
VT 009 544	ED 036 619	805
The Implications of Job Opportunities in Transportation for Priorities in Vocational-Technical Education. Working Paper.		
TEMPLE UNIV., PHILADELPHIA, PA. DEPT. OF BUSINESS EDUCATION		
VT 007 561	ED 034 018	762
Data Processing Education in the Schools of Pennsylvania, 1967-1968.		
TENNESSEE MID-SOUTH REGIONAL MEDICAL PROGRAM, NASHVILLE. NURSE SECTION		
VT 007 969		754
Study of Nursing Education in Tennessee.		
TENNESSEE OCCUPATIONAL RESEARCH AND DEVELOPMENT COORDINATING UNIT, KNOXVILLE		
VT 010 247	ED 035 766	816
A Program of Research and Development for Tennessee Designed to Bring Together All Available Research Resources to Support A Continuing Program of Vocational Education.		
TERRY, GERALDINE B.		
VT 003 900		767
The Labor Force Characteristics of Women in Low-Income Rural Areas of the South.		
TERRY, HOWARD ROBERT		
VT 010 370	ED 036 645	781
Composite Profiles of Agricultural Machinery Service Occupations.		
TEXAS OCCUPATIONAL RESEARCH COORDINATING UNIT, AUSTIN		
VT 009 786	ED 034 850	811
The Texas Occupational Research Coordinating Unit.		
THOMPSON, JOHN F.		
VT 007 613		826
A Guide for the Preparation of Resource Units for Use by Vocational Agriculture Teachers.		
VT 010 116		824
Pilot Programs in Vocational Agriculture. Report No. 2, Characteristics of Students Enrolled in Wisconsin Vocational Agriculture Pilot Programs, 1968-1969.		
TOWNE, DOUGLAS C.		
VT 010 247	ED 035 766	816
A Program of Research and Development for Tennessee Designed to Bring Together All Available Research Resources to Support A Continuing Program of Vocational Education.		
TREPTOW, FREDA W., COMP., AND OTHERS		
VT 002 216		746
Statistical Information on the Registration and Education of Professional and Practical Nurses.		
UPJOHN (W.E.) INST. FOR EMPLOYMENT RESEARCH, KALAMAZOO, MICH.		
VT 007 829	ED 036 612	785
Use of Industry-Advisory Committees as a Technique for Evaluating Vocational and Technical Education Programs.		

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

PAGE

UTAH RESEARCH COORDINATING UNIT FOR VOCATIONAL AND TECHNICAL EDUCATION, SALT LAKE CITY
VT 010 248 ED 035 767 816
Utah Coordinating Unit for Research in Vocational and Technical Education.

UTAH STATE BOARD FOR VOCATIONAL AND TECHNICAL EDUCATION, SALT LAKE CITY
VT 008 028 755
Vocational Education in Utah.

UTAH STATE UNIV., LOGAN. DEPT. OF BUSINESS EDUCATION AND OFFICE ADMINISTRATION
VT 009 670 ED 034 047 828
Practicum for Simulated Methods in Office Occupations Education.

UTAH TECHNICAL COLL., PROVO
VT 006 393 750
A Summary of a Research Study Entitled--Implications of Vocational Education for Plant Site Location.

VERMONT STATE DEPT. OF EMPLOYMENT SECURITY, MONTPELIER
VT 008 240 775
Employer Hiring Practices and Attitudes about the Employment of Women. Summary.

VETERANS ADMINISTRATION, WASHINGTON, D.C. DEPT. OF VETERANS BENEFITS
VT 001 967 792
The Employment Adjustment of Veterans with Histories of Psychosisand Psychoneurosis. Technical Report.
VT 004 748 793
To Work Again...To Live Again. The Vocational Rehabilitation of Homebound Veterans.
VT 004 837 794
They Return to Work. The Job Adjustment of Psychiatrically Disabled Veterans of World War II and Korean Conflict.

VIVIAN, NEAL E.
VT 009 805 ED 035 720 812
A Plan for Research in Distributive Education; Report of a Research Planning Seminar.

WALSH, JOAN E.
VT 009 902 ED 034 870 764
An Approach to the Teaching of Psychiatric Nursing in Diploma and Associate Degree Programs.

WALTON, BARBARA J.
VT 007 231 795
Final Report and Evaluation of the Women's Talent Corps New Careers Program 1966-67.

WARD, DARRELL
VT 009 842 ED 035 724 758
Second National Leadership Development Seminar for State Directors of Vocational Education.

WASHINGTON STATE BOARD FOR VOCATIONAL EDUCATION, OLYMPIA
VT 001 624 746
Vocational-Technical Education in Washington.

WEBB, GROVER
VT 008 780 776
Manpower in Oklahoma: Northwest Region.

WELLEMEYER, J.E.
VT 002 664 747
Seminar on Problems of Manpower Planning, Development, Utilization, Distribution and Administration, 1963.

WENTZ, CHARLES HUNTER
VT 009 816 ED 034 857 801
A Study of Industrial Arts Activities for Educable Mentally Retarded Junior High School Youth.

WEST GEORGIA COLL., CARROLLTON
VT 010 403 ED 036 651 824
A One-Week Institute to Develop Objectives and Models for a Continuous Exploratory Program Related to the World of Work from Junior High Through Senior High School.

WHEELER, DAVID N.
VT 007 478 808
Report of an Evaluation of a Summer Institute for Training Researchers in Occupational Education.

WISCONSIN NURSES ASSOCIATION, INC.
VT 008 283 775
Re-Employment Factors of Inactive Nurses in Wisconsin.

WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION, MADISON
VT 009 764 ED 035 718 758
Guidelines for Program Development and Evaluation; Vocational Diploma, Associate Degree.

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

		PAGE
WISCONSIN STATE EMPLOYMENT SERVICE, MADISON		
VT 006 158		768
Computers on the Factory Floor--A Layoff Study.		
VT 008 283		775
Re-Employment Factors of Inactive Nurses in Wisconsin.		
WISCONSIN UNIV., MADISON. CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION		
VT 004 401		748
Research Approaches to the Initiation of New Vocational-TechnicalPrograms; Conference, 1966.		
VT 010 237	ED 035 763	802
The Training and Placement of Older Workers: An Evaluation of Four Community Projects.		
WISCONSIN UNIV., MADISON. DEPT. OF AGRICULTURAL AND EXTENSION EDUCATION		
VT 007 613		826
A Guide for the Preparation of Resource Units for Use by Vocational Agriculture Teachers.		
VT 010 116		824
Pilot Programs in Vocational Agriculture. Report No. 2, Characteristics of Students Enrolled in Wisconsin Vocational Agriculture Pilot Programs, 1968-1969.		
WOLANSKY, WILLIAM D.		
VT 010 191	ED 036 630	829
An Identification of Fluid Power Instructional Goals and Content for Industrial Education Teacher Preparation.		
WOMEN'S TALENT CORPS, NEW YORK, N.Y.		
VT 007 231		795
Final Report and Evaluation of the Women's Talent Corps New Careers Program 1966-67.		
WYOMING RESEARCH COORDINATING UNIT IN VOCATIONAL-TECHNICAL EDUCATION, CHEYENNE		
VT 008 997		809
Papers Presented at the Research Workshop for Teachers and Administrators in Vocational Education. 1969.		
VT 010 097	ED 034 893	814
The Establishment of a Research Coordinating Unit for Vocational Education in Wyoming and Addendum No. 3. Bibliography of Research Coordinating Unit Educational Materials.		
WYOMING STATE DEPT. OF EDUCATION, CHEYENNE		
VT 007 933		754
Public Elementary and Secondary School Education Needs. Vol. 1.		
YOUNG, EARL F., ED.		
VT 009 932	ED 032 695	802
Vocational Education for Handicapped Persons; Handbook for Program Implementation.		
YOUNG, MARY R.		
VT 008 275		785
A Study to Determine the Adequacy of the Vocational Education Programs at the White Mountains Regional High School.		
ZOOK, WAYNE HAROLD		
VT 006 581		768
Personnel and Training Needs for Skilled and Technical Workers in Iowa Industries Manufacturing and Fabricating Plastics.		

VOCATIONAL AND SUPPORTING SERVICES INDEX

		PAGE
AGRICULTURAL EDUCATION		
VT 006 426		826
Adult Leadership Development. A Graduate Workshop Summary Report.		
VT 007 309		808
Abstracts of Research in Agricultural Education 1965-66.		
VT 007 613		826
A Guide for the Preparation of Resource Units for Use by Vocational Agriculture Teachers.		
VT 007 809		772
Student Interest and Employment Opportunities in the Field of Ornamental Horticulture in Pickens County, South Carolina.		
VT 007 843		808
Research in Programs in Agricultural Education.		
VT 007 930		809
Research Studies in Programs in Agricultural Education in the North Atlantic Region, 1968-69.		
VT 007 980		804
Vocational Agriculture Course Objectives and Occupational Work Experience.		
VT 008 299		827
Directory of College and University Professional Personnel Who Teach Shop, Mechanics, or Related Courses to Agricultural Education Students.		
VT 008 603		763
Annual Central Regional Research Conference in Agricultural Education. 1967.		
VT 009 767	ED 034 846	822
Technical Education Curriculums in Agriculture and Natural Resources in the United States of America.		
VT 009 806	ED 034 855	822
Role of High School Vocational Agriculture in Occupational Decision Making.		
VT 009 843	ED 034 864	828
Implementing a New Concept of Supervised Practice in Vocational Agriculture.		
VT 010 098	ED 034 894	788
Attitudes Toward Entreprenedrial Behavior and Education--Their Relationship to Instruction.		
VT 010 116		824
Pilot Programs in Vocational Agriculture. Report No. 2, Characteristics of Students Enrolled in Wisconsin Vocational Agriculture Pilot Programs, 1968-1969.		
VT 010 230	ED 035 762	816
Research Related to the Disadvantaged and Research Strategies for the Seventies.		
VT 010 295	ED 036 635	816
Summaries of Studies in Agricultural Education, Pacific Region, 1968-69. An Annotated Bibliography of Studies in Agricultural Education.		
VT 010 322	ED 036 642	818
Summaries of Studies in Agricultural Education, Central Region 1968-69. An Annotated Bibliography of Studies in Agricultural Education.		
VT 010 328	ED 036 644	818
Abstracts of Research Studies in Agricultural Education Completed in 1968-69 in the North Atlantic Region.		
VT 010 370	ED 036 645	781
Composite Profiles of Agricultural Machinery Service Occupations.		
BUSINESS AND OFFICE EDUCATION		
VT 007 561	ED 034 018	762
Data Processing Education in the Schools of Pennsylvania, 1967-1968.		
VT 009 670	ED 034 047	828
Practicum for Simulated Methods in Office Occupations Education.		
DISTRIBUTIVE EDUCATION		
VT 002 493		747
Recruiting and Training Employees in the Service Industries.		
VT 007 137		751
Cooperative-Distributive Education, An Alternate Semester Program.		
VT 007 217		752
Research and Development Program in Vocational-Technical Education; Seminar in Distributive Teacher Education (1967).		
VT 009 805	ED 035 720	812
A Plan for Research in Distributive Education; Report of a Research Planning Seminar.		
VT 010 401	ED 036 649	830
Occupational Experience and Career Development Training for Distributive Educators and Vocational Counselors.		
HEALTH OCCUPATIONS EDUCATION		
VT 002 216		746
Statistical Information on the Registration and Education of Professional and Practical Nurses.		
VT 002 393		762
Vision and Revision: Report of a Curriculum Revision Project in a Practical Nursing Program.		
VT 002 691		766
Health Manpower Requirements and Resources in Metropolitan Indianapolis, 1966-1971.		
VT 002 888		748
The MDTA and Your Health Manpower Needs.		

VOCATIONAL AND SUPPORTING SERVICES INDEX

		PAGE
VT 005 149		832
A New Look at the Why and the How of Clinical Laboratory Experiences.		
VT 005 153	ED 036 607	762
The Application of Criteria in Practical Nursing Programs: Papers Presented at the Conference of the Council of Member Agencies of the Department of Practical Nursing Programs. 1966.		
VT 005 214		804
Perspectives for Nursing.		
VT 005 244		749
Academic Planning Survey of Mental Health Manpower.		
VT 005 425		768
Nebraska's Nurse Supply, Needs and Resources--1966.		
VT 006 348		750
Practical Nurse Education Program Practices in Connecticut Vocational-Technical Schools.		
VT 006 413		751
Homemaker Home Health Aide-Services for Families with a Mentally Retarded Member.		
VT 007 191		770
Nursing Careers Among the American Indians.		
VT 007 274		752
Memorandum on the Association's Role and Function in the Training of Auxiliary Personnel.		
VT 007 481		826
Workshop Guidelines to Prepare Inservice Educators for Health-Care Agencies.		
VT 007 757	ED 036 610	772
Implications of Career Openings in Health Occupations for Priorities in Vocational-Technical Education.		
VT 007 969		754
Study of Nursing Education in Tennessee.		
VT 008 013		804
Statements Regarding Practical Nursing and Practical Nursing Education.		
VT 008 019		755
Let's Be Practical About a Nursing Career.		
VT 008 053		772
New Careers Potentials in Health: In the Hospital.		
VT 008 065		773
New Careers Potentials in Health: Beyond the Hospital.		
VT 008 086		773
A Study of Inactive Professional Health Personnel in North Carolina.		
VT 008 132		774
Occupational Therapy--A New Lift for the Disabled.		
VT 008 163		756
Health Planning; A Programmed Instruction Course.		
VT 008 233		774
Occupational Health Nursing in Ontario.		
VT 008 283		775
Re-Employment Factors of Inactive Nurses in Wisconsin.		
VT 008 434		786
The Hospital Employees Technological Training Program.		
VT 008 514		757
Allied Health Education.		
VT 008 703		776
Climb to Success, Security, Opportunity.		
VT 008 825		827
Report by Advisory Committee on a Pilot Scheme for the Exchange of Nurse Teachers.		
VT 008 978		777
Report of the Study of Staff Nurse Position Responsibilities in Iowa General Hospital.		
VT 009 231		822
Education for Nursing--the Diploma Way.		
VT 009 232		822
College Education: Key to a Professional Career in Nursing.		
VT 009 696	ED 034 059	806
Community Mental Health and the Psychiatric Foundation.		
VT 009 750	ED 034 844	758
Report of a National Study of Cytotechnologists: Education and Performance Relationships.		
VT 009 751	ED 034 845	787
National Correlations in Medical Technology Education.		
VT 009 802	ED 034 854	779
Allied Health Manpower: Trends and Prospects.		
VT 009 808	ED 035 721	779
Innovations and Experiments in Uses of Health Manpower--A Study of Selected Programs and Problems in the United Kingdom and the Soviet Union.		
VT 009 845	ED 034 865	779
Manpower Conference for the Health Related Professions, and Dedication, School of Health Related Professions.		
VT 009 855	ED 036 620	823
A Guidance Counselor's Handbook to Career Opportunities in the Health Field.		
VT 009 887	ED 035 726	759
Annual Report on Dental Auxiliary Education, 1967/68.		
VT 009 902	ED 034 870	764
An Approach to the Teaching of Psychiatric Nursing in Diploma and Associate Degree Programs.		
VT 009 910	ED 034 872	759
Manpower for the Medical Laboratory.		
VT 009 944	ED 036 623	760
The Urban Planner in Health Planning.		
VT 010 058	ED 035 737	760
Annual Report on Dental Auxiliary Education, 1968/69.		

VOCATIONAL AND SUPPORTING SERVICES INDEX

PAGE

VT 010 066 ED 035 739 780
Work Experience of Certified Laboratory Assistants.
VT 010 149 ED 032 576 815
Six Years of Rehabilitation Research: Studies of Personnel in Health Related Professions, Client Motivation, and Research Utilization.
VT 010 324 ED 036 643 824
Nurse Tutoring Study of the City University of New York; Interim Progress Report.

HOME ECONOMICS EDUCATION
VT 002 428 746
1967--Year of Decision (5th Annual Report).
VT 002 512 826
Training Programs for Teachers and Leaders of Gainful Employment Training Programs in Home Economics.
VT 004 353 784
Home Managers' Program, Evaluation.
VT 006 166 749
Potentials of a Centralized Community Homemaker Service.
VT 006 298 820
Experiences of Iowa Senior High School Girls in Housing.
VT 006 300 794
Suggestions for Homemaking Programs to Meet Needs of Educable Mentally Retarded Pupils.
VT 006 325 750
Homemaker Services--History and Bibliography.
VT 006 465 836
Selected References on Homemaker-Health Aide Services.
VT 006 506 784
Ability of a Value Inventory to Discriminate Among Homemakers with Different Characteristics.
VT 007 292 821
Determining Employment Needs, Educational Feasibilities, and Potential Enrollments in Occupational Home Economics at the Post-Secondary Level in Oklahoma.
VT 007 442 785
An Evaluation of The Curriculum Guide for Home Economics in New Hampshire Grades 9-12.
VT 007 832 833
Young Women in Fort Collins, Colorado.
VT 008 088 755
New Approaches to Homemaker Service.
VT 008 131 755
Homemaker Services for Families and Individuals.
VT 008 903 786
Opinions of Ninth and Twelfth Grade Girls and Young Homemakers as to Knowledge and Competencies Needed for Roles as Homemakers.

PAGE

VT 009 623 ED 034 040 827
The Feasibility of Audiotape-Telephone Supervision of High School Teachers.
VT 009 928 ED 034 876 759
A Guide for the Development of Consumer and Homemaking Education.
VT 010 296 ED 035 772 781
Personnel Training and Employment Needs of Hospital Food Services in Tennessee.

INDUSTRIAL ARTS EDUCATION
VT 006 414 832
An Experimental Evaluation of Selected Presentation Modes in the Self-Instruction of a Manipulative Industrial Arts Learning Task.
VT 006 569 832
Program Summaries of the Annual Industrial Education Conference, 1965.
VT 007 316 ED 036 609 762
Design for Learning; 1967 Summer Institute of Technology for Children.
VT 007 743 754
Procedures for Developing Industrial Arts Education Project Proposals Under the Provisions of the National Defense Education Act Title III.
VT 008 568 797
Annotated Bibliography of Literature Related to Industrial Arts for the Mentally Retarded.
VT 009 184 834
Slide-Tape Self-Instruction Versus Traditional Group Demonstrations in Teaching College Level Metalwork.
VT 009 189 ED 034 022 805
Contribution of Industrial Arts to the Understanding of Industry Possessed by Secondary School Students.
VT 009 199 ED 033 210 790
Involvement of the Industrial Arts Teacher in Planning Industrial Arts Facilities.
VT 009 409 ED 034 025 764
Industry-Education Mutual Involvement in Industrial Teacher Preparation and Upgrading.
VT 009 792 ED 034 852 806
The Maryland Plan for Industrial Arts in the Junior High School and the Behavioral Task Analysis Approach.
VT 009 816 ED 034 857 801
A Study of Industrial Arts Activities for Educable Mentally Retarded Junior High School Youth.
VT 009 819 ED 035 722 834
An Experiment to Evaluate the Relative Effectiveness of Two Approaches to Teaching College Algebra in Achieving Selected Objectives of College Algebra in Industrial Technology/Curricula.

VOCATIONAL AND SUPPORTING SERVICES INDEX

PAGE

VT 009 820 ED 034 858 801
An Experimental Study to Determine Success of Performance with Selected Woodworking Hand Tools by Children with Specific Learning Handicaps.
VT 009 853 ED 035 725 828
Effecting Attitudinal Changes in Industrial Arts Education.
VT 010 109 ED 034 898 814
Review and Synthesis of Research in Industrial Arts Education.
VT 010 189 ED 035 759 829
An Evaluation of the Preparation of the Industrial Arts Teacher Education Graduates at Colorado State University, 1957 through 1967.
VT 010 191 ED 036 630 829
An Identification of Fluid Power Instructional Goals and Content for Industrial Education Teacher Preparation.

MANPOWER ECONOMICS
VT 002 429 766
Organized Training in Four Industry Groups, 1965.
VT 002 495 747
Employee Motivation and Work Incentives in the Service Industries.
VT 002 664 747
Seminar on Problems of Manpower Planning, Development, Utilization, Distribution and Administration, 1963.
VT 002 705 792
Vocational Rehabilitation of Disabled Public Assistance Clients (Johnson, Martin, and Lawrence Counties).
VT 002 715 792
Vocational Rehabilitation of Disabled Public Assistance Clients. Leslie, Harlan and Bell Counties.
VT 003 433 766
Women Workers in Illinois.
VT 003 570 766
Trends and Turnover of Manpower in USDA.
VT 003 900 767
The Labor Force Characteristics of Women in Low-Income Rural AreaS of the South.
VT 003 974 767
Technological Change and Employment in the Automotive Industry.
VT 004 909 ED 034 841 767
Geographical and Occupational Mobility of Workers in the Aircraft and Electronics Industries, Regional Trade Union Seminar, 1966.
VT 006 158 768
Computers on the Factory Floor--A Layoff Study.
VT 006 331 ED 034 017 768
Moonlighters in a Tight Labor Market.

PAGE

VT 006 617 769
Corporate Manpower Planning.
VT 006 692 769
Occupational Employment Statistics 1960-66.
VT 006 694 769
Manpower Planning for Technological Change.
VT 007 155 769
Bibliography of Industrial Relations in Latin America.
VT 007 197 770
Research in Trade and Industrial Education in Tennessee; The Tennessee Manufacturing Economy.
VT 007 218 770
Follow-Up Study of MDTA E and D Project Conducted at Agricultural and Industrial State University at Nashville.
VT 007 219 795
Evaluation of the Job Upgrading Program, April--August, 1966.
VT 007 231 795
Final Report and Evaluation of the Women's Talent Corps New Careers Program 1966-67.
VT 007 261 770
Occupational Demand in Indiana.
VT 007 340 771
Perception of Job Opportunities Among Low-Income Groups in Missouri.
VT 007 602 771
Exploring Michigan's Employment Expectations.
VT 007 655 771
Highlights of the 1968 Manpower Report of the President.
VT 007 770 ED 029 100 796
Offenders as a Correctional Manpower Resource. Report of a SeminaR (Washington, D.C., March 7-8, 1968)..
VT 008 073 773
Spotlight on Job Opportunities.
VT 008 092 796
Unemployed Out-of-School Youth Survey.
VT 008 160 774
Estimates and Projections of the Labor Force and Civilian Employment in the U.S.S.R.; 1950-1975.
VT 008 172 774
Control Totals of Employment in Major Industry by Major Occupation Matrix for Michigan--1960.
VT 008 323 775
California Womanpower.
VT 008 325 775
Changing Patterns in California Manufacturing Employment.
VT 008 673 776
Occupational Information for Florida Schools.
VT 008 774 776
Labor Force Experience ov the Puerto Rican Worker.

VOCATIONAL AND SUPPORTING SERVICES INDEX

		PAGE
VT 008 780		776
Manpower in Oklahoma: Northwest Region.		
VT 008 813		776
Manpower Research, Women in the Labour Force.		
VT 008 819		777
Work Experience in Puerto Rico: Calendar Yeaz 1968.		
VT 008 901		777
Canada's Manpower Requirements in 1970.		
VT 009 018		778
A Study of the Educational and Training Content of Occupations, 1966.		
VT 009 073		778
Guide to Recruitment and Selection for Manual Jobs.		
VT 009 256		799
Background and Economic Status of Unemployed Negroes of Tampa, Florida and Their Opinions Regarding Training, Retraining, and Relocation for Work.		
VT 009 519	ED 034 026	799
Working Children.		
VT 009 542	ED 034 029	800
Manpower for Correctional Rehabilitation in the South.		
VT 009 646	ED 034 043	779
Manpower Management in Canada; A Selected Bibliography.		
VT 009 759	ED 035 717	801
Employment Programs for the Poor. A Community Action Agency Manpower Guidebook.		
VT 009 798	ED 035 719	787
Appraising Selected Manpower Training Programs in the Los Angeles Area.		
VT 009 936	ED 035 732	802
An Annotated Bibliography on the Employment of Disadvantaged Youth, 1960-1966.		
VT 010 065	ED 035 738	788
Films on Jobs, Training, and the Ghetto; An Evaluative Guide.		
VT 010 086	ED 035 741	780
Technical Report on Occupations in Numerically Controlled Metal-Cutting Machining.		
VT 010 099	ED 034 895	788
Education and Economic Growth in Iowa.		
VT 010 180	ED 036 629	815
Manpower Research Projects Sponsored by the U.S. Department of Labor, Manpower Administration Through June 30, 1969.		
VT 010 237	ED 035 763	802
The Training and Placement of Older Workers: An Evaluation of Four Community Projects.		
VT 010 247	ED 035 766	816
A Program of Research and Development for Tennessee Designed to Bring Together All Available Research Resources to Support A Continuing Program of Vocational Education.		
VT 010 274	ED 036 632	836
Employment and Training Legislation--1968; Hearings.		
VT 010 275	ED 035 768	836
Employment and Training Legislation-1968; Background Information.		
VT 010 281	ED 035 770	781
Health Manpower, United States 1965-1967; Vital and Health Statistics Data on National Health Resources.		
VT 010 316	ED 036 640	781
Mental Health Manpower and the Psychiatric Technician.		
VT 010 503	ED 036 658	836
Law Enforcement Education.		

OCCUPATIONAL SOCIOLOGY

VT 008 240		775
Employer Hiring Practices and Attitudes about the Employment of Women. Summary.		

TECHNICAL EDUCATION

VT 004 015		762
Civil Engineering Technology.		
VT 007 247		804
The Role of the University in Community College Technical Education.		
VT 007 561	ED 034 018	762
Data Processing Education in the Schools of Pennsylvania, 1967-1968.		
VT 008 096		755
Engineering Manpower; Educational and Training Preparation of Technicians.		
VT 008 176		756
Feasibility Study for Aviation Programs.		
VT 008 669		822
Putting the Pieces Together. An Inventory of Occupational Training.		
VT 008 972		763
Report of States' Aviation Education Programs.		
VT 009 163		778
The Shortage of Skilled and Technical Workers. Summary.		
VT 009 260	ED 034 023	763
Testing an Empirical Procedure for Identifying Technical Associative Conceptual Structure: Discriminating Between Workmen Within and Between Two Occupations.		
VT 009 767	ED 034 846	822
Technical Education Curriculums in Agriculture and Natural Resources in the United States of America.		

VOCATIONAL AND SUPPORTING SERVICES INDEX

PAGE

TRADE AND INDUSTRIAL EDUCATION

VT 002 214 746
Report of the Annual Conference on Industrial Education. 1967.

VT 002 678 826
Institute Interest of Technical, Trade and Industrial Teachers of Colcrado.

VT 002 848 790
At Last, for That Limited Budget, A Testing Machine within Reach of All.

VT 003 595 767
Opportunities in Apprenticeship and Skilled Trades in Iowa.

VT 003 901 793
Graduates of the Norfolk Project.

VT 004 015 762
Civil Engineering Technology.

VT 004 393 748
Preliminary Reports of the Committee (29th Annual Conference on Industrial Education, 1967.

VT 004 803 748
National Painting and Decorating Apprenticeship and Training Stanards.

VT 006 123 749
Proceedings of the Annual American Industrial-Technical Education Conference. 1967.

VT 006 568 751
Program Summaries of the Annual Industrial Education Conference. 1966.

VT 006 581 768
Personnel and Training Needs for Skilled and Technical Workers in Iowa Industries Manufacturing and Fabricating Plastics.

VT 007 258 784
Analyzing Vocational Competencies in Auto Mechanics.

VT 007 349 833
A Study of the Comparative Teaching Efficiency of a Multi-Media Instructional System Versus the Traditional Lecture Method for Youth Who Have Academic and Socioeconomic Handicaps.

VT 007 361 771
A Survey of Need for a Fishery and Marine Resources Technology Program at College of the Redwoods.

VT 008 096 755
Engineering Manpower; Educational and Training Preparation of Technicians.

VT 008 176 756
Feasibility Study for Aviation Programs.

VT 008 907 ED 034 021 777
Training Guide: Construction.

VT 009 260 ED 034 023 763
Testing an Empirical Procedure for Identifying Technical Associative Conceptual Structure: Discriminating Between Workmen Within and Between Two Occupations.

VT 009 277 778
A Guide to Overseas Professional Opportunities for Industrial Education Personnel.

VT 009 814 834
A Comparison of the Achievement of Vocational Auto-Mechanics Students in First Year Day Trade with Students in First Year Industrial Cooperative Training.

VT 009 839 ED 034 863 758
Profiles of Trade and Technical Leaders: Comprehensive Report.

VT 010 304 ED 036 638 817
Review and Synthesis of Research in Trade and Industrial Education. Second Edition.

GENERAL VOCATIONAL AND TECHNICAL EDUCATION

VT 000 477 784
A Study of Vocational-Technical Education for High School Age Students in Clackamas County.

VT 001 231 792
New Careers and Model Cities: A Partnership for Human Renewal.

VT 001 343 766
Continuing Employment Through Training.

VT 001 624 746
Vocational-Technical Education in Washington.

VT 001 669 746
A Guide for the Establishment of Comprehensive Community Collegesin North Carolina.

VT 001 967 792
The Employment Adjustment of Veterans with Histories of Psychosisand Psychoneurosis. Technical Report.

VT 002 440 747
Montcalm County Vocational-Technical Education Study.

VT 002 651 ED 036 605 820
The Conference on Unexplored Aspects of the Development of Occupational Goals of Youth, 1965.

VT 002 690 820
Ohio Vocational Education Notebook.

VT 003 723 793
Amendments to the Vocational Rehabilitation Act. Hearings. 1967.

VT 003 902 793
Training of Public Assistance Recipients under the MDTA.

VT 004 352 832
Marengo Experimental Vocational Program.

VT 004 401 748
Research Approaches to the Initiation of New Vocational-TechnicalPrograms; Conference, 1966.

VOCATIONAL AND SUPPORTING SERVICES INDEX

	PAGE
VT 004 748 To Work Again...To Live Again. The Vocational Rehabilitation of Homebound Veterans.	793
VT 004 837 They Return to Work. The Job Adjustment of Psychiatrically Disabled Veterans of World War II and Korean Conflict.	794
VT 004 904 An Evaluation Follow-Up Study of the JOC Experimental Demonstration Project for the Communities of Denver and Pueblo, Colorado.	794
VT 004 954 ED 036 606 Vocational Rehabilitation Act Amendments of 1968. Hearings. 1968.	794
VT 005 863 Vocational Rehabilitation Needs and Resources in Eastern Kentucky.	749
VT 006 143 Careers in the Quantity Food Industry.	820
VT 006 165 Public Information to Assist in Recruitment for Occupational Programs.	749
VT 006 168 Report of Vocational Needs Study Committee.	750
VT 006 393 A Summary of a Research Study Entitled--Implications of Vocational Education for Plant Site Location.	750
VT 006 402 From Sixth Form to Industry; Report of a Conference of Schools and Industry,	751
VT 006 601 The Adaptation of PERT for Coordinating Interdisciplinary Manpower Research in a University Setting.	808
VT 006 714 The Minneapolis Work Opportunity Center. May, 1966 to June, 1968.	795
VT 007 192 Minutes. Annual Meeting, 1967.	795
VT 007 225 An Interview with Your Coordinator of Vocational Guidance.	820
VT 007 227 Student Vocational Interest Survey.	821
VT 007 234 Statutes Concerning Joint Vocational School Districts.	752
VT 007 243 A Survey of Vocational Education Interest Among Sophomores in Six Iron Range School Districts.	821
VT 007 247 The Role of the University in Community College Technical Education.	804
VT 007 273 Concept of a Total Program in Education for the World of Work.	752
VT 007 293 ED 024 081 Concepts of Career Fields Held by Eleventh Grade Students.	821
VT 007 295 Career-Oriented Training.	796
VT 007 410 What Is the Responsibility of Business in Modernizing Education?.	752
VT 007 478 Report of an Evaluation of a Summer Institute for Training Researchers in Occupational Education.	808
VT 007 586 Research Utilization. Report of a Conference. 1968.	808
VT 007 654 Statutes Concerning Technical Institutes and Community Colleges.	753
VT 007 659 Report and Recommendations of the State Advisory Committee for Development of Vocational Education in Idaho Public Secondary Schools.	753
VT 007 693 Survey to Assess the Needs of Post-Secondary Vocational Training in the Western Half of New York State.	753
VT 007 701 Better Options, Better Lives.	753
VT 007 758 ED 036 611 Implications of Career Openings in Social Welfare Occupations for Priorities in Vocational-Technical Education.	772
VT 007 829 ED 036 612 Use of Industry-Advisory Committees as a Technique for Evaluating Vocational and Technical Education Programs.	785
VT 007 869 Progress Report of the Governor's Committee on Vocational-Technical Education.	754
VT 007 933 Public Elementary and Secondary School Education Needs. Vol. 1.	754
VT 008 028 Vocational Education in Utah.	755
VT 008 149 Vocational and Technical Education in Rhode Island--1969-1975.	756
VT 008 202 Assessment Guidelines for Programs Under the Vocational Education Act of 1963.	785
VT 008 225 Role Play in New Careers Training.	833
VT 008 244 Vocational-Technical Education Brings Success to These Tennesseans. Volumes I and II.	796
VT 008 248 Achievement Report on Area Vocational-Technical School Development, 1963 to June 30, 1968.	756

VOCATIONAL AND SUPPORTING SERVICES INDEX

PAGE

VT 008 275 785
A Study to Determine the Adequacy of the Vocational Education Programs at the White Mountains Regional High School.

VT 008 281 757
A Report on a Summary and Recommendations Adapted from West Virginia Legislative Study of Vocational, Technical, and Adult Education. 1967.

VT 008 543 ED 036 615 796
Selected Bibliography of Books, Pamphlets, Periodicals, and Curriculum Guides in Work Study for the Educable Retarded.

VT 008 545 757
Procedures for Establishing Area Vocational Schools in Indiana.

VT 008 595 809
Research for Career Education: The Arizona Cooperative Program for Vocational-Technical Research.

VT 008 640 757
What Is Vocational Education? Alaska Looks at Vocational Education.

VT 008 659 809
Support for Research and Development of Innovative Approaches to Vocational Education.

VT 008 662 836
Source Book of Research Titles and Related Materials in Vocational-Technical Education, 1968-69.

VT 008 669 822
Putting the Pieces Together. An Inventory of Occupational Training.

VT 008 739 804
Determining Group Perceptions of Vocational School Characteristics.

VT 008 743 797
Administration and Effectiveness of Work Experience and Training Project in Kent County, Michigan.

VT 008 758 809
Priority Research and Development Needs in Vocational Education in California.

VT 008 814 ED 034 020 833
Study of Training Equipment and Individual Differences: The Effects of Subject Matter Variables. Report and Supplementary Report.

VT 008 836 ED 036 617 797
Research in Correctional Rehabilitation.

VT 008 837 797
Research in Correctional Rehabilitation. Summary.

VT 008 848 ED 031 576 797
Differences That Make the Difference.

VT 008 849 798
Differences That Make the Difference. Summary.

PAGE

VT 008 852 798
The University and Corrections: Potential for Collaborative Relationships.

VT 008 853 798
The University and Corrections: Potential for Collaborative Relationships. Summary.

VT 008 867 798
Offenders as a Correctional Manpower Resource. Summary.

VT 008 873 805
The Challenge of Change; The Role of Occupational Education in Oregon.

VT 008 881 790
A Report on the Use of Buildings and Equipment.

VT 008 897 ED 032 409 798
The Legal Challenge to Corrections: Implications for Manpower and Training.

VT 008 898 799
The Legal Challenge to Corrections: Implications for Manpower and Training. Summary.

VT 008 972 763
Report of States' Aviation Education Programs.

VT 008 997 809
Papers Presented at the Research Workshop for Teachers and Administrators in Vocational Education. 1969.

VT 009 163 778
The Shortage of Skilled and Technical Workers. Summary.

VT 009 169 763
Directory of Courses Offered in Area Vocational-Technical Schools.

VT 009 395 ED 032 282 827
Teacher-Assistant Cooperative Training; K Through 8 Grades.

VT 009 475 ED 033 226 790
A Comprehensive Concept for Vocational Education Facilities: Introduction, Flexibility through Modularity, Space Determination, Schematic Modernization, A School Planner's Guide to the Pittsburgh Building Code, Appendixes.

VT 009 491 ED 033 232 764
DCVR Projects Related to Adult Education, and Projects Related Wholly or Partially to Office and Distributive Occupations, July 1, 1964-June 30, 1969.

VT 009 530 799
Work Evaluation.

VT 009 534 800
Work Evaluation and Work Adjustment.

VT 009 544 ED 036 619 805
The Implications of Job Opportunities in Transportation for Priorities in Vocational-Technical Education. Working Paper.

VOCATIONAL AND SUPPORTING SERVICES INDEX

		PAGE
VT 009 587	ED 034 036 International Standard Classification of Occupations.	778
VT 009 614	ED 034 039 Benefit-Cost Analysis of TAT Phase I Worker Training. Training and Technology Project. Special Report.	786
VT 009 627	ED 034 041 A Selected Bibliography on Training in Correctional Institutions.	800
VT 009 641	ED 034 042 Guided Occupational Training. A Vocational Work Experience Program for Intellectually Limited and Educationally Handicapped Students.	800
VT 009 649	ED 034 044 Report of the Governor's Committee on Employment of Minority Groups in the News Media.	801
VT 009 650	ED 034 843 Competencies of Vocational Teachers.	828
VT 009 654	ED 034 045 Vocational Education and Manpower Training. Report of a National Legislative Seminar, 1969.	805
VT 009 664	ED 034 046 Vocational Education--General Education Situation Study.	806
VT 009 690	ED 034 055 Cost Effectiveness Analysis of Vocational-Technical Education Programs.	786
VT 009 691	ED 034 056 Cost Benefit Analysis--Trade and Technical Education.	787
VT 009 748	ED 034 060 Research Visibility: Comprehensive Planning.	810
VT 009 752	ED 034 061 Intensive Training for Job Entry Skills: A Selected Bibliography for Use in Program Development.	810
VT 009 753	ED 034 062 Work Experience for Broadening Occupational Offerings: A Selected Bibliography for Use in Program Development.	810
VT 009 764	ED 035 718 Guidelines for Program Development and Evaluation; Vocational Diploma, Associate Degree.	758
VT 009 780	ED034 848 Kansas Vocational Education Research Coordinating Unit.	811
VT 009 784	ED 034 849 A Continuation of Support for the Coordinating Unit for Occupational Research in the California State Department of Education.	811
VT 009 785	ED 034 065 Continuation of Arizona Occupational Research Coordinating Unit.	811
VT 009 786	ED 034 850 The Texas Occupational Research Coordinating Unit.	811
VT 009 787	ED 034 851 Establishment of an Occupational Research and Development Coordinating Unit for the State of Rhode Island.	812
VT 009 791	ED 034 068 Alabama Research Coordinating Unit for Vocational and Technical Education.	812
VT 009 795	ED 034 853 A Guide to Evaluation; Massachusetts Information Feedback System for Vocational Education. First Technical Progress Report.	787
VT 009 796	ED 034 072 The Establishment of a State Research Coordinating Unit in Vocational Education in Pennsylvania.	812
VT 009 842	ED 035 724 Second National Leadership Development Seminar for State Directors of Vocational Education.	758
VT 009 864	ED 036 621 The Proprietary School in Oregon.	759
VT 009 868	Evaluation of Vocational-Technical Education Program Effectiveness.	788
VT 009 909	ED 034 871 Occupational Licensing and the Supply of Nonprofessional Manpower.	780
VT 009 932	ED 032 695 Vocational Education for Handicapped Persons; Handbook for Program Implementation.	802
VT 009 934	ED 034 878 Delaware Occupational Research Coordinating Unit.	812
VT 009 979	ED 034 882 Research Visibility: Guidance and New Careers.	823
VT 009 980	ED 034 883 The Establishment and Development of a Research Coordinating Unit in Occupational Education in North Carolina.	813
VT 009 987	ED 036 625 Part-Time, Summer and Volunteer Jobs for Jewish and Other Minority Group Youth.	823
VT 009 993	ED 034 888 Notes and Working Papers from the National Conference on Cooperative Vocational Education; Implications of the 1968 Amendments.	760
VT 010 093	ED 034 889 The Continuation of Federal Support for the New York State Research Coordinating Unit for Vocational Education.	813
VT 010 094	ED 034 890 Continuation of the Kentucky Research Coordinating Unit.	813
VT 010 096	ED 034 892 Ohio Occupational Research and Development Coordinating Unit.	813

VOCATIONAL AND SUPPORTING SERVICES INDEX

		PAGE
VT 010 097	ED 034 893	814
The Establishment of a Research Coordinating Unit for Vocational Education in Wyoming and Addendum No. 3. Bibliography of Research Coordinating Unit Educational Materials.		
VT 010 100	ED 034 896	814
Minnesota Research Coordinating Unit for Vocational Education.		
VT 010 101	ED 034 897	814
Indiana Research Coordinating Unit.		
VT 010 119	ED 035 743	802
A Guide to the Development of Vocational Education Programs and Services for the Disadvantaged.		
VT 010 131	ED 035 744	829
Utilization of Competency Examinations in Vocational and Technical Education.		
VT 010 147		824
Vocational-Technical Education: New Horizons; A Symposium Presented at the Meeting of the American Personnel and Guidance Association. 1969.		
VT 010 153	ED 034 900	815
Oregon Research Coordinating Unit for Vocational Education.		
VT 010 156	ED 035 754	780
Develop New Careers Ladders, With Appropriate Education Components, In the Administration of Justice. Technical Report.		
VT 010 165	ED 035 757	815
Activities of the Nebraska Research Coordinating Unit for Vocational Education.		
VT 010 204	ED 035 760	815
Research Coordinating Unit for Vocational Education in Oklahoma.		
VT 010 248	ED 035 767	816
Utah Coordinating Unit for Research in Vocational and Technical Education.		
VT 010 303	ED 036 637	817
Nevada State Occupational Research Coordinating Unit.		
VT 010 306	ED 036 639	817
Review and Synthesis of Research in Technical Education. Second Edition.		
VT 010 317	ED 036 641	817
Research Visibility: Vocational Education Curriculum.		
VT 010 358	ED 035 774	818
Continuation of the Colorado Research Coordinating Unit.		
VT 010 403	ED 036 651	824
A One-Week Institute to Develop Objectives and Models for a Continuous Exploratory Program Related to the World of Work from Junior High Through Senior High School.		
VT 011 173	(See Aug '70 RIE)	837
Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.		
VT 011 200	(See Aug '70 RIE)	837
Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.		

DOCUMENT NUMBER INDEX

	PAGE
VT 000 477 A Study of Vocational-Technical Education for High School Age Students in Clackamas County.	784
VT 001 231 New Careers and Model Cities: A Partnership for Human Renewal.	792
VT 001 343 Continuing Employment Through Training.	766
VT 001 624 Vocational-Technical Education in Washington.	746
VT 001 669 A Guide for the Establishment of Comprehensive Community Collegesin North Carolina.	746
VT 001 967 The Employment Adjustment of Veterans with Histories of Psychosisand Psychoneurosis. Technical Report.	792
VT 002 214 Report of the Annual Conference on Industrial Education. 1967.	746
VT 002 216 Statistical Information on the Registration and Education of Professional and Practical Nurses.	746
VT 002 393 Vision and Revision: Report of a Curriculum Revision Project in a Practical Nursing Program.	762
VT 002 428 1967--Year of Decision (5th Annual Report).	746
VT 002 429 Organized Training in Four Industry Groups, 1965.	766
VT 002 440 Montcalm County Vocational-Technical Education Study.	747
VT 002 493 Recruiting and Training Employees in the Service Industries.	747
VT 002 495 Employee Motivation and Work Incentives in the Service Industries.	747
VT 002 512 Training Programs for Teachers and Leaders of Gainful Employment Training Programs in Home Economics.	826
VT 002 651 ED 036 605 The Conference on Unexplored Aspects of the Development of Occupational Goals of Youth, 1965.	820
VT 002 664 Seminar on Problems of Manpower Planning, Development, Utilization, Distribution and Administration, 1963.	747
VT 002 678 Institute Interest of Technical, Trade and Industrial Teachers of Colorado.	826
VT 002 690 Ohio Vocational Education Notebook.	820
VT 002 691 Health Manpower Requirements and Resources in Metropolitan Indianapolis, 1966-1971.	766
VT 002 705 Vocational Rehabilitation of Disabled Public Assistance Clients (Johnson, Martin, and Lawrence Counties).	792
VT 002 715 Vocational Rehabilitation of Disabled Public Assistance Clients. Leslie, Harlan and Bell Counties.	792
VT 002 848 At Last, for That Limited Budget, A Testing Machine within Reach of All.	790
VT 002 888 The MDTA and Your Health Manpower Needs.	748
VT 003 433 Women Workers in Illinois.	766
VT 003 570 Trends and Turnover of Manpower in USDA.	766
VT 003 595 Opportunities in Apprenticeship and Skilled Trades in Iowa.	767
VT 003 723 Amendments to the Vocational Rehabilitation Act. Hearings. 1967.	793

DOCUMENT NUMBER INDEX

PAGE

VT 003 900 767
The Labor Force Characteristics of Women in Low-Income Rural Areas of the South.

VT 003 901 793
Graduates of the Norfolk Project.

VT 003 902 793
Training of Public Assistance Recipients under the MDTA.

VT 003 974 767
Technological Change and Employment in the Automotive Industry.

VT 004 015 762
Civil Engineering Technology.

VT 004 352 832
Marengo Experimental Vocational Program.

VT 004 353 784
Home Managers' Program, Evaluation.

VT 004 393 748
Preliminary Reports of the Committee (29th Annual Conference on Industrial Education, 1967.

VT 004 401 748
Research Approaches to the Initiation of New Vocational-TechnicalPrograms; Conference, 1966.

VT 004 748 793
To Work Again...To Live Again. The Vocational Rehabilitation of Homebound Veterans.

VT 004 803 748
National Painting and Decorating Apprenticeship and Training Stanards.

VT 004 837 794
They Return to Work. The Job Adjustment of Psychiatrically Disabled Veterans of World War II and Korean Conflict.

VT 004 904 794
An Evaluation Follow-Up Study of the JOC Experimental Demonstration Project for the Communities of Denver and Pueblo, Colorado.

VT 004 909 ED 034 841 767
Geographical and Occupational Mobility of Workers in the Aircraft and Electronics Industries, Regional Trade Union Seminar, 1966.

VT 004 954 ED 036 606 794
Vocational Rehabilitation Act Amendments of 1968. Hearings. 1968.

VT 005 149 832
A New Look at the Why and the How of Clinical Laboratory Experiences.

VT 005 153 ED 036 607 762
The Application of Criteria in Practical Nursing Programs: Papers Presented at the Conference of the Council of Member Agencies of the Department of Practical Nursing Programs. 1966.

VT 005 214 804
Perspectives for Nursing.

VT 005 244 749
Academic Planning Survey of Mental Health Manpower.

VT 005 425 768
Nebraska's Nurse Supply, Needs and Resources--1966.

VT 005 863 749
Vocational Rehabilitation Needs and Resources in Eastern Kentucky.

VT 006 123 749
Proceedings of the Annual American Industrial-Technical Education Conference. 1967.

VT 006 143 820
Careers in the Quantity Food Industry.

VT 006 158 768
Computers on the Factory Floor--A Layoff Study.

VT 006 165 749
Public Information to Assist in Recruitment for Occupational Programs.

VT 006 166 749
Potentials of a Centralized Community Homemaker Service.

VT 006 168 750
Report of Vocational Needs Study Committee.

VT 006 298 820
Experiences of Iowa Senior High School Girls in Housing.

VT 006 300 794
Suggestions for Homemaking Programs to Meet Needs of Educable Mentally Retarded Pupils.

VT 006 325 750
Homemaker Services--History and Bibliography.

VT 006 331 ED 034 017 768
Moonlighters in a Tight Labor Market.

DOCUMENT NUMBER INDEX

	PAGE
VT 006 348 Practical Nurse Education Program Practices in Connecticut Vocational-Technical Schools.	750
VT 006 393 A Summary of a Research Study Entitled--Implications of Vocational Education for Plant Site Location.	750
VT 006 402 From Sixth Form to Industry; Report of a Conference of Schools and Industry,	751
VT 006 413 Homemaker Home Health Aide-Services for Families with a Mentally Retarded Member.	751
VT 006 414 An Experimental Evaluation of Selected Presentation Modes in the Self-Instruction of a Manipulative Industrial Arts Learning Task.	832
VT 006 426 Adult Leadership Develcpment. A Graduate Workshop Summary Report.	826
VT 006 465 Selected References on Homemaker-Health Aide Services.	836
VT 006 506 Ability of a Value Inventory to Discriminate Among Homemakers with Different Characteristics.	784
VT 006 568 Program Summaries of the Annual Industrial Education Conference. 1966.	751
VT 006 569 Program Summaries of the Annual Industrial Education Ccnference, 1965.	832
VT 006 581 Personnel and Training Needs for Skilled and Technical Workers in Iowa Industries Manufacturing and Fabricating Plastics.	768
VT 006 601 The Adaptation of PERT for Coordinating Interdisciplinary Manpower Research in a University Setting.	808
VT 006 617 Corporate Manpower Planning.	769
VT 006 692 Occupational Employment Statistics 1960-66.	769
VT 006 694 Manpower Planning for Technological Change.	769
VT 006 714 The Minneapolis Work Opportunity Center. May, 1966 to June, 1968.	795
VT 007 137 Cooperative-Distributive Education, An Alternate Semester Program.	751
VT 007 155 Bibliography of Industrial Relations in Latin America.	769
VT 007 191 Nursing Careers Among the American Indians.	770
VT 007 192 Minutes. Annual Meeting, 1967.	795
VT 007 197 Research in Trade and Industrial Education in Tennessee; The Tennessee Manufacturing Economy.	770
VT 007 217 Research and Development Program in Vocational-Technical Education; Seminar in Distributive Teacher Education (1967).	752
VT 007 218 Follow-Up Study of MDTA E and D Project Conducted at Agricultural and Industrial State University at Nashville.	770
VT 007 219 Evaluation of the Job Upgrading Program, April--August, 1966.	795
VT 007 225 An Interview with Your Coordinatcr of Vocational Guidance.	820
VT 007 227 Student Vocational Interest Survey.	821
VT 007 231 Final Report and Evaluation of the Women's Talent Corps New Careers Program 1966-67.	795
VT 007 234 Statutes Concerning Joint Vocational School Districts.	752
VT 007 243 A Survey of Vocational Education Interest Among Sophomores in Six Iron Range School Districts.	821
VT 007 247 The Role of the University in Community College Technical EduCation.	804

DOCUMENT NUMBER INDEX

	PAGE
VT 007 258 Analyzing Vocational Competencies in Auto Mechanics.	784
VT 007 261 Occupational Demand in Indiana.	770
VT 007 273 Concept of a Total Program in Education for the World of Work.	752
VT 007 274 Memorandum on the Association's Role and Function in the Training of Auxiliary Personnel.	752
VT 007 292 Determining Employment Needs, Educational Feasibilities, and Potential Enrollments in Occupational Home Economics at the Post-Secondary Level in Oklahoma.	821
VT 007 293 ED 024 081 Concepts of Career Fields Held by Eleventh Grade Students.	821
VT 007 295 Career-Oriented Training.	796
VT 007 309 Abstracts of Research in Agricultural Education 1965-66.	808
VT 007 316 ED 036 609 Design for Learning: 1967 Summer Institute of Technology for Children.	762
VT 007 340 Perception of Job Opportunities Among Low-Income Groups in Missouri.	771
VT 007 349 A Study of the Comparative Teaching Efficiency of a Multi-Media Instructional System Versus the Traditional Lecture Method for Youth Who Have Academic and Socioeconomic Handicaps.	833
VT 007 361 A Survey of Need for a Fishery and Marine Resources Technology Program at College of the Redwoods.	771
VT 007 410 What Is the Responsibility of Business in Modernizing Education?.	752
VT 007 442 An Evaluation of The Curriculum Guide for Home Economics in New Hampshire Grades 9-12.	785
VT 007 478 Report of an Evaluation of a Summer Institute for Training Researchers in Occupational Education.	808
VT 007 481 Workshop Guidelines to Prepare Inservice Educators for Health-Care Agencies.	826
VT 007 561 ED 034 018 Data Processing Education in the Schools of Pennsylvania, 1967-1968.	762
VT 007 586 Research Utilization. Report of a Conference. 1968.	808
VT 007 602 Exploring Michigan's Employment Expectations.	771
VT 007 613 A Guide for the Preparation of Resource Units for Use by Vocational Agriculture Teachers.	826
VT 007 654 Statutes Concerning Technical Institutes and Community Colleges.	753
VT 007 655 Highlights of the 1968 Manpower Report of the President.	771
VT 007 659 Report and Recommendations of the State Advisory Committee for Development of Vocational Education in Idaho Public Secondary Schools.	753
VT 007 693 Survey to Assess the Needs of Post-Secondary Vocational Training in the Western Half of New York State.	753
VT 007 701 Better Options, Better Lives.	753
VT 007 743 Procedures for Developing Industrial Arts Education Project Proposals Under the Provisions of the National Defense Education Act Title III.	754
VT 007 757 ED 036 610 Implications of Career Openings in Health Occupations for Priorities in Vocational-Technical Education.	772
VT 007 758 ED 036 611 Implications of Career Openings in Social Welfare Occupations for Priorities in Vocational-Technical Education.	772

DOCUMENT NUMBER INDEX

	PAGE
VT 007 770 ED 029 100 Offenders as a Correctional Manpower Resource. Report of a SeminaR (Washington, D.C., March 7-8, 1968)..	796
VT 007 809 Student Interest and Employment Opportunities in the Field of Ornamental Horticulture in Pickens County, South Carolina.	772
VT 007 829 ED 036 612 Use of Industry-Advisory Committees as a Technique for Evaluating Vocational and Technical Education Programs.	785
VT 007 832 Young Women in Fort Collins, Colcrado.	833
VT 007 843 Research in Programs in Agricultural Education.	808
VT 007 869 Progress Report of the Governor's Committee on Vocational-Technical Education.	754
VT 007 930 Research Studies in Programs in Agricultural Education in the North Atlantic Region, 1968-69.	809
VT 007 933 Public Elementary and Secondary School Education Needs. Vol. 1.	754
VT 007 969 Study of Nursing Education in Tennessee.	754
VT 007 980 Vocational Agriculture Course Objectives and Occupational Work Experience.	804
VT 008 013 Statements Regarding Practical Nursing and Practical Nursing Education.	804
VT 008 019 Let's Be Practical About a Nursing Career.	755
VT 008 028 Vocational Education in Utah.	755
VT 008 053 New Careers Potentials in Health: In the Hospital.	772
VT 008 065 New Careers Potentials in Health: Beyond the Hospital.	773
VT 008 073 Spotlight on Job Opportunities.	773
VT 008 086 A Study of Inactive Professional Health Personnel in North Carolina.	773
VT 008 088 New Approaches to Homemaker Service.	755
VT 008 092 Unemployed Out-of-School Youth Survey.	796
VT 008 096 Engineering Manpower; Educational and Training Preparation of Technicians.	755
VT 008 131 Homemaker Services for Families and Individuals.	755
VT 008 132 Occupational Therapy--A New Lift for the Disabled.	774
VT 008 149 Vocational and Technical Education in Rhode Island--1969-1975.	756
VT 008 160 Estimates and Projections of the Labor Force and Civilian Employment in the U.S.S.R.; 1950-1975.	774
VT 008 163 Health Planning; A Programmed Instruction Course.	756
VT 008 172 Control Totals of Employment in Major Industry by Major Occupation Matrix for Michigan--1960.	774
VT 008 176 Feasibility Study for Aviation Programs.	756
VT 008 202 Assessment Guidelines for Programs Under the Vocational Education Act of 1963.	785
VT 008 225 Role Play in New Careers Training.	833
VT 008 233 Occupational Health Nursing in Ontario.	774
VT 008 240 Employer Hiring Practices and Attitudes about the Employment of Women. Summary.	775

DOCUMENT NUMBER INDEX

	PAGE
VT 008 244 Vocational-Technical Education Brings Success to These Tennesseans. Volumes I and II.	796
VT 008 248 Achievement Report on Area Vocational-Technical School Development, 1963 to June 30, 1968.	756
VT 008 275 A Study to Determine the Adequacy of the Vocational Education Programs at the White Mountains Regional High School.	785
VT 008 281 A Report on a Summary and Recommendations Adapted from West Virginia Legislative Study of Vocational, Technical, and Adult Education. 1967.	757
VT 008 283 Re-Employment Factors of Inactive Nurses in Wisconsin.	775
VT 008 299 Directory of College and University Professional Personnel Who Teach Shop, Mechanics, or Related Courses to Agricultural Education Students.	827
VT 008 323 California Womanpower.	775
VT 008 325 Changing Patterns in California Manufacturing Employment.	775
VT 008 434 The Hospital Employees Technological Training Program.	786
VT 008 514 Allied Health Education.	757
VT 008 543 ED 036 615 Selected Bibliography of Books, Pamphlets, Periodicals, and Curriculum Guides in Work Study for the Educable Retarded.	796
VT 008 545 Procedures for Establishing Area Vocational Schools in Indiana.	757
VT 008 568 Annotated Bibliography of Literature Related to Industrial Arts for the Mentally Retarded.	797
VT 008 595 Research for Career Education: The Arizona Cooperative Program for Vocational-Technical Research.	809
VT 008 603 Annual Central Regional Research Conference in Agricultural Education. 1967.	763
VT 008 640 What Is Vocational Education? Alaska Looks at Vocational Education.	757
VT 008 659 Support for Research and Development of Innovative Approaches to Vocational Education.	809
VT 008 662 Source Book of Research Titles and Related Materials in Vocational-Technical Education, 1968-69.	836
VT 008 669 Putting the Pieces Together. An Inventory of Occupational Training.	822
VT 008 673 Occupational Information for Florida Schools.	776
VT 008 703 Climb to Success, Security, Opportunity.	776
VT 008 739 Determining Group Perceptions of Vocational School Characteristics.	804
VT 008 743 Administration and Effectiveness of Work Experience and Training Project in Kent County, Michigan.	797
VT 008 758 Priority Research and Development Needs in Vocational Education in California.	809
VT 008 774 Labor Force Experience ov the Puerto Rican Worker.	776
VT 008 780 Manpower in Oklahoma: Northwest Region.	776
VT 008 813 Manpower Research, Women in the Labour Force.	776
VT 008 814 ED 034 020 Study of Training Equipment and Individual Differences: The Effects of Subject Matter Variables. Report and Supplementary Report.	833
VT 008 819 Work Experience in Puerto Rico: Calendar Yeaz 1968.	777

DOCUMENT NUMBER INDEX

	PAGE
VT 009 825 Report by Advisory Committee on a Pilot Scheme for the Exchange of Nurse Teachers.	827
VT 008 836 ED 036 617 Research in Correctional Rehabilitation.	797
VT 008 837 Research in Correctional Rehabilitation. Summary.	797
VT 008 848 ED 031 576 Differences That Make the Difference.	797
VT 008 849 Differences That Make the Difference. Summary.	798
VT 008 852 The University and Corrections: Potential for Collaborative Relationships.	798
VT 008 853 The University and Corrections: Potential for Collaborative Relationships. Summary.	798
VT 008 867 Offenders as a Correctional Manpower Resource. Summary.	798
VT 008 873 The Challenge of Change: The Role of Occupational Education in Oregon.	805
VT 008 881 A Report on the Use of Buildings and Equipment.	790
VT 008 897 ED 032 409 The Legal Challenge to Corrections: Implications for Manpower and Training.	798
VT 008 898 The Legal Challenge to Corrections: Implications for Manpower and Training. Summary.	799
VT 008 901 Canada's Manpower Requirements in 1970.	777
VT 008 903 Opinions of Ninth and Twelfth Grade Girls and Young Homemakers as to Knowledge and Competencies Needed for Roles as Homemakers.	786
VT 008 907 ED 034 021 Training Guide: Construction.	777
VT 008 972 Report of States' Aviation Education Programs.	763
VT 008 978 Report of the Study of Staff Nurse Position Responsibilities in Iowa General Hospital.	777
VT 008 997 Papers Presented at the Research Workshop for Teachers and Administrators in Vocational Education. 1969.	809
VT 009 018 A Study of the Educational and Training Content of Occupations, 1966.	778
VT 009 073 Guide to Recruitment and Selection for Manual Jobs.	778
VT 009 163 The Shortage of Skilled and Technical Workers. Summary.	778
VT 009 169 Directory of Courses Offered in Area Vocational-Technical Schools.	763
VT 009 184 Slide-Tape Self-Instruction Versus Traditional Group Demonstrations in Teaching College Level Metalwork.	834
VT 009 189 ED 034 022 Contribution of Industrial Arts to the Understanding of Industry Possessed by Secondary School Students.	805
VT 009 199 ED 033 210 Involvement of the Industrial Arts Teacher in Planning Industrial Arts Facilities.	790
VT 009 231 Education for Nursing--the Diploma Way.	822
VT 009 232 College Education: Key to a Professional Career in Nursing.	822
VT 009 256 Background and Economic Status of Unemployed Negroes of Tampa, Florida and Their Opinions Regarding Training, Retraining, and Relocation for Work.	799
VT 009 260 ED 034 023 Testing an Empirical Procedure for Identifying Technical Associative Conceptual Structure: Discriminating Between Workmen Within and Between Two Occupations.	763

DOCUMENT NUMBER INDEX

		PAGE
VT 009 277 A Guide to Overseas Professional Opportunities for Industrial Education Personnel.		778
VT 009 395	ED 032 282 Teacher-Assistant Cooperative Training; K Through 8 Grades.	827
VT 009 409	ED 034 025 Industry-Education Mutual Involvement in Industrial Teacher Preparation and Upgrading.	764
VT 009 475	ED 033 226 A Comprehensive Concept for Vocational Education Facilities: Introduction, Flexibility through Modularity, Space Determination, Schematic Modernization, A School Planner's Guide to the Pittsburgh Building Code, Appendixes.	790
VT 009 491	ED 033 232 DCVR Projects Related to Adult Education, and Projects Related Wholly or Partially to Office and Distributive Occupations, July 1, 1964-June 30, 1969.	764
VT 009 519	ED 034 026 Working Children.	799
VT 009 530 Work Evaluation.		799
VT 009 534 Work Evaluation and Work Adjustment.		800
VT 009 542	ED 034 029 Manpower for Correctional Rehabilitation in the South.	800
VT 009 544	ED 036 619 The Implications of Job Opportunities in Transportation for Priorities in Vocational-Technical Education. Working Paper.	805
VT 009 587	ED 034 036 International Standard Classification of Occupations.	778
VT 009 614	ED 034 039 Benefit-Cost Analysis of TAT Phase I Worker Training. Training and Technology Project. Special Report.	786
VT 009 623	ED 034 040 The Feasibility of Audiotape-Telephone Supervision of High School Teachers.	827
VT 009 627	ED 034 041 A Selected Bibliography on Training in Correctional Institutions.	800
VT 009 641	ED 034 042 Guided Occupational Training. A Vocational Work Experience Program for Intellectually Limited and Educationally Handicapped Students.	800
VT 009 646	ED 034 043 Manpower Management in Canada; A Selected Bibliography.	779
VT 009 649	ED 034 044 Report of the Governor's Committee on Employment of Minority Groups in the News Media.	801
VT 009 650	ED 034 843 Competencies of Vocational Teachers.	828
VT 009 654	ED 034 045 Vocational Education and Manpower Training. Report of a National Legislative Seminar, 1969.	805
VT 009 664	ED 034 046 Vocational Education--General Education Situation Study.	806
VT 009 670	ED 034 047 Practicum for Simulated Methods in Office Occupations Education.	828
VT 009 690	ED 034 055 Cost Effectiveness Analysis of Vocational-Technical Education Programs.	786
VT 009 691	ED 034 056 Cost Benefit Analysis--Trade and Technical Education.	787
VT 009 696	ED 034 059 Community Mental Health and the Psychiatric Foundation.	806
VT 009 748	ED 034 060 Research Visibility: Comprehensive Planning.	810
VT 009 750	ED 034 844 Report of a National Study of Cytotechnologists: Education and Performance Relationships.	758
VT 009 751	ED 034 845 National Correlations in Medical Technology Education.	787
VT 009 752	ED 034 061 Intensive Training for Job Entry Skills: A Selected Bibliography for Use in Program Development.	810
VT 009 753	ED 034 062 Work Experience for Broadening Occupational Offerings: A Selected Bibliography for Use in Program Development.	810

DOCUMENT NUMBER INDEX

		PAGE
VT 009 759	ED 035 717 Employment Programs for the Poor. A Community Action Agency Manpower Guidebook.	801
VT 009 764	ED 035 718 Guidelines for Program Development and Evaluation; Vocational Diploma, Associate Degree.	758
VT 009 767	ED 034 846 Technical Education Curriculums in Agriculture and Natural Resources in the United States of America.	822
VT 009 780	ED034 848 Kansas Vocational Education Research Coordinating Unit.	811
VT 009 784	ED 034 849 A Continuation of Support for the Coordinating Unit for Occupational Research in the California State Department of Education.	811
VT 009 785	ED 034 065 Continuation of Arizona Occupational Research Coordinating Unit.	811
VT 009 786	ED 034 850 The Texas Occupational Research Coordinating Unit.	811
VT 009 787	ED 034 851 Establishment of an Occupational Research and Development Coordinating Unit for the State of Rhode Island.	812
VT 009 791	ED 034 068 Alabama Research Coordinating Unit for Vocational and Technical Education.	812
VT 009 792	ED 034 852 The Maryland Plan for Industrial Arts in the Junior High School and the Behavioral Task Analysis Approach.	806
VT 009 795	ED 034 853 A Guide to Evaluation; Massachusetts Information Feedback System for Vocational Education. First Technical Progress Report.	787
VT 009 796	ED 034 072 The Establishment of a State Research Coordinating Unit in Vocational Education in Pennsylvania.	812
VT 009 798	ED 035 719 Appraising Selected Manpower Training Programs in the Los Angeles Area.	787
VT 009 802	ED 034 854 Allied Health Manpower: Trends and Prospects.	779
VT 009 805	ED 035 720 A Plan for Research in Distributive Education; Report of a Research Planning Seminar.	812
VT 009 806	ED 034 855 Role of High School Vocational Agriculture in Occupational Decision Making.	822
VT 009 808	ED 035 721 Innovations and Experiments in Uses of Health Manpower--A Study of Selected Programs and Problems in the United Kingdom and the Soviet Union.	779
VT 009 814	 A Comparison of the Achievement of Vocational Auto-Mechanics Students in First Year Day Trade with Students in First Year Industrial Cooperative Training.	834
VT 009 816	ED 034 857 A Study of Industrial Arts Activities for Educable Mentally Retarded Junior High School Youth.	801
VT 009 819	ED 035 722 An Experiment to Evaluate the Relative Effectiveness of Two Approaches to Teaching College Algebra in Achieving Selected Objectives of College Algebra in Industrial Technology/Curricula.	834
VT 009 820	ED 034 858 An Experimental Study to Determine Success of Performance with Selected Woodworking Hand Tools by Children with Specific Learning Handicaps.	801
VT 009 839	ED 034 863 Profiles of Trade and Technical Leaders: Comprehensive Report.	758
VT 009 842	ED 035 724 Second National Leadership Development Seminar for State Directors of Vocational Education.	758
VT 009 843	ED 034 864 Implementing a New Concept of Supervised Practice in Vocational Agriculture.	828
VT 009 845	ED 034 865 Manpower Conference for the Health Related Professions, and Dedication, School of Health Related Professions.	779

DOCUMENT NUMBER INDEX

		PAGE
VT 009 853	ED 035 725 Effecting Attitudinal Changes in Industrial Arts Education.	828
VT 009 855	ED 036 620 A Guidance Counselor's Handbook to Career Opportunities in the Health Field.	823
VT 009 864	ED 036 621 The Proprietary School in Oregon.	759
VT 009 868	Evaluation of Vocational-Technical Education Program Effectiveness.	788
VT 009 887	ED 035 726 Annual Report on Dental Auxiliary Education, 1967/68.	759
VT 009 902	ED 034 870 An Approach to the Teaching of Psychiatric Nursing in Diploma and Associate Degree Programs.	764
VT 009 909	ED 034 871 Occupational Licensing and the Supply of Nonprofessional Manpower.	780
VT 009 910	ED 034 872 Manpower for the Medical Laboratory.	759
VT 009 928	ED 034 876 A Guide for the Development of Consumer and Homemaking Education.	759
VT 009 932	ED 032 695 Vocational Education for Handicapped Persons; Handbook for Program Implementation.	802
VT 009 934	ED 034 878 Delaware Occupational Research Coordinating Unit.	812
VT 009 936	ED 035 732 An Annotated Bibliography on the Employment of Disadvantaged Youth, 1960-1966.	802
VT 009 944	ED 036 623 The Urban Planner in Health Planning.	760
VT 009 979	ED 034 882 Research Visibility: Guidance and New Careers.	823
VT 009 980	ED 034 883 The Establishment and Development of a Research Coordinating Unit in Occupational Education in North Carolina.	813
VT 009 987	ED 036 625 Part-Time, Summer and Volunteer Jobs for Jewish and Other Minority Group Youth.	823
VT 009 993	ED 034 888 Notes and Working Papers from the National Conference on Cooperative Vocational Education; Implications of the 1968 Amendments.	760
VT 010 058	ED 035 737 Annual Report on Dental Auxiliary Education, 1968/69.	760
VT 010 065	ED 035 738 Films on Jobs, Training, and the Ghetto; An Evaluative Guide.	788
VT 010 066	ED 035 739 Work Experience of Certified Laboratory Assistants.	780
VT 010 086	ED 035 741 Technical Report on Occupations in Numerically Controlled Metal-Cutting Machining.	780
VT 010 093	ED 034 889 The Continuation of Federal Support for the New York State Research Coordinating Unit for Vocational Education.	813
VT 010 094	ED 034 890 Continuation of the Kentucky Research Coordinating Unit.	813
VT 010 096	ED 034 892 Ohio Occupational Research and Development Coordinating Unit.	813
VT 010 097	ED 034 893 The Establishment of a Research Coordinating Unit for Vocational Education in Wyoming and Addendum No. 3. Bibliography of Research Coordinating Unit Educational Materials.	814
VT 010 098	ED 034 894 Attitudes Toward Entreprenedrial Behavior and Education--Their Relationship to Instruction.	788
VT 010 099	ED 034 895 Education and Economic Growth in Iowa.	788
VT 010 100	ED 034 896 Minnesota Research Coordinating Unit for Vocational Education.	814
VT 010 101	ED 034 897 Indiana Research Coordinating Unit.	814
VT 010 109	ED 034 898 Review and Synthesis of Research in Industrial Arts Education.	814

DOCUMENT NUMBER INDEX

		PAGE
VT 010 116		824
Pilot Programs in Vocational Agriculture. Report No. 2, Characteristics of Students Enrolled in Wisconsin Vocational Agriculture Pilot Programs, 1968-1969.		
VT 010 119	ED 035 743	802
A Guide to the Development of Vocational Education Programs and Services for the Disadvantaged.		
VT 010 131	ED 035 744	829
Utilizatior of Competency Examinations in Vocational and Technical Education.		
VT 010 147		824
Vocational-Technical Education: New Horizons; A Symposium Presented at the Meeting of the American Personnel and Guidance Association. 1969.		
VT 010 149	ED 032 576	815
Six Years of Rehabilitation Research: Studies of Personnel in Health Related Professions, Client Motivation, and Research Utilization.		
VT 010 153	ED 034 900	815
Oregon Research Coordinating Unit for Vocational Education.		
VT 010 156	ED 035 754	780
Develop New Careers Ladders, With Appropriate Education ComponentS, In the Administration of Justice. Technical Report.		
VT 010 165	ED 035 757	815
Activities of the Nebraska Research Coordinating Unit for Vocational Education.		
VT 010 180	ED 036 629	815
Manpower Research Projects Sponsored by the U.S. Department of Labor, Manpower Administration Through June 30, 1969.		
VT 010 189	ED 035 759	829
An Evaluation of the Preparation of the Industrial Arts Teacher Education Graduates at Colorado State University, 1957 through 1967.		
VT 010 191	ED 036 630	829
An Identification of Fluid Power Instructional Goals and Content for Industrial Education Teacher Preparation.		
VT 010 204	ED 035 760	815
Research Coordinating Unit for Vocational Education in Oklahoma.		
VT 010 230	ED 035 762	816
Research Related to the Disadvantaged and Research Strategies for the Seventies.		
VT 010 237	ED 035 763	802
The Training and Placement of Older Workers: An Evaluation of Four Community Projects.		
VT 010 247	ED 035 766	816
A Program of Research and Development for Tennessee Designed to Bring Together All Available Research Resources to Support A Continuing Program of Vocational Education.		
VT 010 248	ED 035 767	816
Utah Coordinating Unit for Research in Vocational and Technical Education.		
VT 010 274	ED 036 632	836
Employment and Training Legislation--1968; Hearings.		
VT 010 275	ED 035 768	836
Employment and Training Legislation-1968; Background Information.		
VT 010 281	ED 035 770	781
Health Manpower, United States 1965-1967; Vital and Health Statistics Data on National Health Resources.		
VT 010 295	ED 036 635	816
Summaries of Studies in Agricultural Education, Pacific Region, 1968-69. An Annotated Bibliography of Studies in Agricultural Education.		
VT 010 296	ED 035 772	781
Personnel Training and Employment Needs of Hospital Food Services in Tennessee.		
VT 010 303	ED 036 637	817
Nevada State Occupational Research Coordinating Unit.		
VT 010 304	ED 036 638	817
Review and Synthesis of Research in Trade and Industrial Education. Second Edition.		
VT 010 306	ED 036 639	817
Review and Synthesis of Research in Technical Education. Second Edition.		
VT 010 316	ED 036 640	781
Mental Health Manpower and the Psychiatric Technician.		

DOCUMENT NUMBER INDEX

		PAGE
VT 010 317 Research Visibility: Vocational Education Curriculum.	ED 036 641	817
VT 010 322 Summaries of Studies in Agricultural Education, Central Region 1968-69. An Annotated Bibliography of Studies in Agricultural Education.	ED 036 642	818
VT 010 324 Nurse Tutoring Study of the City University of New York; Interim Progress Report.	ED 036 643	824
VT 010 328 Abstracts of Research Studies in Agricultural Education Completed in 1968-69 in the North Atlantic Region.	ED 036 644	818
VT 010 358 Continuation of the Colorado Research Coordinating Unit.	ED 035 774	818
VT 010 370 Composite Profiles of Agricultural Machinery Service Occupations.	ED 036 645	781
VT 010 401 Occupational Experience and Career Development Training for Distributive Educators and Vocational Counselors.	ED 036 649	830
VT 010 403 A One-Week Institute to Develop Objectives and Models for a Continuous Exploratory Program Related to the World of Work from Junior High Through Senior High School.	ED 036 651	824
VT 010 503 Law Enforcement Education.	ED 036 658	836
VT 011 173 Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.	(See Aug '70 RIE)	837
VT 011 200 Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1970.	(See Aug '70 RIE)	837

CONVERSION OF DOCUMENT INDEX[1]

VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS[2]

VT 000 458	ED 022 838	VT 002 340	ED 019 439	VT 003 245	ED 018 618
VT 000 529	ED 019 394	VT 00[illegible]83	ED 019 441	VT 003 280	ED 018 621
VT 000 535	ED 021 950	VT 00[illegible]89	ED 027 371	VT 003 287	ED 018 623
VT 000 774	ED 018 548	VT 00[illegible]403	ED 019 443	VT 003 288	ED 018 624
VT 001 086	ED 020 300	VT 002 405	ED 019 444	VT 003 289	ED 018 625
VT 001 126	ED 016 771	VT 002 410	ED 029 942	VT 003 290	ED 018 626
VT 001 373	ED 019 399	VT 002 417	ED 019 446	VT 003 291	ED 016 806
VT 001 394	ED 024 751	VT 002 456	ED 019 449	VT 003 293	ED 016 808
VT 001 395	ED 024 752	VT 002 457	ED 019 450	VT 003 312	ED 018 628
VT 001 396	ED 024 753	VT 002 459	ED 019 451	VT 003 314	ED 014 568
VT 001 397	ED 024 754	VT 002 460	ED 019 452	VT 003 362	ED 021 973
VT 001 409	ED 022 841	VT 002 469	MP 000 505	VT 003 372	ED 021 047
VT 001 411	ED 029 941	VT 002 496	ED 019 453	VT 003 409	ED 021 974
VT 001 512	ED 018 585	VT 002 505	ED 025 456	VT 003 435	MP 000 508
VT 001 521	ED 024 756	VT 002 511	ED 023 790	VT 003 496	ED 015 269
VT 001 532	ED 026 453	VT 002 539	ED 020 312	VT 003 505	ED 014 570
VT 001 553	ED 018 590	VT 002 543	ED 020 313	VT 003 523	ED 016 819
VT 001 572	ED 021 962	VT 002 549	ED 016 066	VT 003 538	ED 016 820
VT 001 696	ED 018 605	VT 002 553	ED 019 455	VT 003 554	ED 018 631
VT 001 718	ED 018606	VT 002 555	ED 032 380	VT 003 577	ED 016 821
VT 001 722	ED 015 250	VT 002 557	ED 019 456	VT 003 583	ED 021 977
VT 001 795	ED 019 401	VT 002 564	ED 016 789	VT 003 584	ED 018 634
VT 001 797	ED 019 402	VT 002 609	ED 021 969	VT 003 613	ED 019 468
VT 001 819	ED 019 406	VT 002 623	ED 019 459	VT 003 619	ED 022 852
VT 001 820	ED 019 407	VT 002 651	ED 036 605	VT 003 620	ED 015 272
VT 001 822	ED 019 408	VT 002 676	ED 020 314	VT 003 640	ED 022 853
VT 001 827	ED 019 409	VT 002 692	ED 020 315	VT 003 641	ED 026 460
VT 001 835	ED 019 410	VT 002 700	ED 020 316	VT 003 648	ED 015 274
VT 001 841	ED 031 550	VT 002 721	ED 020 318	VT 003 649	ED 015 275
VT 001 891	ED 019 414	VT 002 727	ED 021 041	VT 003 650	ED 015 276
VT 001 949	ED 019 422	VT 002 768	ED 013 935	VT 003 652	ED 014 575
VT 001 959	ED 019 423	VT 002 794	ED 022 850	VT 003 668	MP 000 206
VT 001 964	ED 019 424	VT 002 823	ED 021 044	VT 003 669	ED 014 582
VT 002 063	ED 028 236	VT 002 839	ED 020 319	VT 003 684	ED 016 085
VT 002 064	ED 019 428	VT 002 854	ED 019 462	VT 003 685	ED 018 639
VT 002 091	ED 024 758	VT 002 855	ED 019 463	VT 003 691	ED 018 640
VT 002 103	ED 019 430	VT 002 877	ED 016 796	VT 003 693	ED 016 087
VT 002 123	ED 021 964	VT 002 880	ED 026 457	VT 003 697	ED 016 088
VT 002 132	ED 019 431	VT 002 886	ED 016 801	VT 003 700	ED 021 050
VT 002 135	ED 020 303	VT 002 898	ED 017 666	VT 003 719	ED 015 279
VT 002 188	ED 020 304	VT 002 909	ED 017 668	VT 003 745	ED 015 280
VT 002 189	ED 020 305	VT 002 916	ED 017 672	VT 003 746	MP 006 220
VT 002 190	ED 020 306	VT 002 920	ED 017 674	VT 003 748	ED 016 827
VT 002 191	ED 020 307	VT 002 947	ED 018 611	VT 003 751	ED 014 588
VT 002 192	ED 020 308	VT 003 216	ED 028 237	VT 003 752	ED 014 589
VT 002 193	ED 020 309	VT 003 218	ED 023 797	VT 003 753	ED 014 590
VT 002 194	ED 020 310	VT 003 219	ED 022 851	VT 003 754	MP 000 223
VT 002 213	ED 019 432	VT 003 221	ED 018 614	VT 003 755	MP 000 224
VT 002 301	ED 016 060	VT 003 229	ED 021 972	VT 003 756	MP 000 225
VT 002 309	ED 019 436	VT 003 234	ED 028 238	VT 003 757	MP 000 226

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[1] This index is cumulated annually beginning with the Fall issue of ARM.

[2] Any document with an MP number is available from EDRS by using the appropriate MP number.

CONVERSION OF DOCUMENT NUMBER INDEX

VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS

VT 003 758	ED 014 591	VT 004 247	MP 000 357	VT 004 712	ED 020 360
VT 003 760	ED 015 282	VT 004 249	ED 016 123	VT 004 714	ED 022 012
VT 003 773	ED 018 641	VT 004 251	MP 000 360	VT 004 718	ED 020 361
VT 003 782	ED 018 642	VT 004 267	ED 021 987	VT 004 720	ED 020 363
VT 003 800	ED 016 089	VT 004 275	ED 022 865	VT 004 722	ED 020 364
VT 003 801	ED 015 284	VT 004 301	ED 027 372	VT 004 723	ED 020 365
VT 003 802	ED 015 285	VT 004 319	ED 015 329	VT 004 724	ED 020 366
VT 003 808	ED 022 854	VT 004 322	MP 000 378	VT 004 727	ED 020 369
VT 003 812	ED 018 643	VT 004 323	MP 000 379	VT 004 728	ED 020 370
VT 003 814	MP 000 235	VT 004 341	ED 021 992	VT 004 745	ED 020 379
VT 003 817	MP 000 238	VT 004 342	ED 022 866	VT 004 746	ED 022 013
VT 003 826	ED 018 644	VT 004 351	ED 022 867	VT 004 782	ED 019 478
VT 003 833	ED 014 597	VT 004 356	ED 021 993	VT 004 783	ED 019 479
VT 003 834	ED 014 598	VT 004 357	ED 021 994	VT 004 784	ED 019 480
VT 003 835	ED 016 091	VT 004 358	ED 021 055	VT 004 785	ED 019 481
VT 003 836	ED 014 599	VT 004 359	ED 021 995	VT 004 786	ED 019 482
VT 003 837	ED 014 600	VT 004 360	ED 021 996	VT 004 787	ED 019 483
VT 003 838	ED 014 601	VT 004 371	ED 021 997	VT 004 789	ED 028 240
VT 003 839	ED 014 602	VT 004 372	ED 020 325	VT 004 790	ED 020 383
VT 003 840	ED 014 603	VT 004 375	ED 021 998	VT 004 792	ED 022 016
VT 003 841	ED 015 288	VT 004 392	ED 021 999	VT 004 798	ED 024 764
VT 003 842	MP 000 254	VT 004 408	ED 018 651	VT 004 799	ED 022 017
VT 003 843	MP 000 255	VT 004 420	ED 020 327	VT 004 800	ED 024 765
VT 003 844	ED 014 604	VT 004 503	ED 020 329	VT 004 801	ED 024 766
VT 003 845	MP 000 257	VT 004 508	ED 022 002	VT 004 817	ED 021 058
VT 003 846	ED 015 289	VT 004 509	ED 017 709	VT 004 819	ED 020 384
VT 003 849	MP 000 261	VT 004 510	ED 022 003	VT 004 820	ED 020 385
VT 003 850	ED 015 291	VT 004 519	ED 022 004	VT 004 825	ED 029 944
VT 003 852	ED 015 292	VT 004 521	ED 022 006	VT 004 848	ED 024 767
VT 003 857	ED 015 295	VT 004 526	ED 022 007	VT 004 865	ED 020 386
VT 003 860	MP 000 272	VT 004 535	ED 020 331	VT 004 866	ED 022 886
VT 003 862	ED 014 609	VT 004 536	ED 020 332	VT 004 867	ED 022 887
VT 003 863	ED 014 610	VT 004 538	ED 020 333	VT 004 868	ED 023 817
VT 003 868	ED 015 296	VT 004 539	ED 020 334	VT 004 870	ED 020 388
VT 003 873	MP 000 282	VT 004 544	ED 020 336	VT 004 871	ED 020 389
VT 003 875	MP 000 284	VT 004 545	ED 020 337	VT 004 873	ED 020 391
VT 003 876	MP 000 285	VT 004 546	ED 020 338	VT 004 874	ED 020 392
VT 003 882	ED 016 093	VT 004 555	ED 020 343	VT 004 875	ED 020 393
VT 003 883	MP 000 292	VT 004 556	ED 027 373	VT 004 876	ED 019 486
VT 003 893	ED 020 322	VT 004 562	ED 022 871	VT 004 877	ED 019 487
VT 003 903	ED 021 978	VT 004 563	MP 000 510	VT 004 878	ED 019 488
VT 003 960	ED 023 802	VT 004 570	ED 022 008	VT 004 879	ED 019 489
VT 003 961	ED 022 857	VT 004 572	ED 022 009	VT 004 880	ED 019 490
VT 003 962	ED 023 803	VT 004 575	ED 022 875	VT 004 881	ED 019 491
VT 004 019	ED 021 980	VT 004 576	ED 022 876	VT 004 906	ED 022 019
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VT 004 044	ED 028 239	VT 004 584	ED 020 345	VT 004 909	ED 034 841
VT 004 094	ED 015 316	VT 004 585	ED 020 346	VT 004 914	ED 021 059
VT 004 124	ED 021 983	VT 004 586	ED 020 347	VT 004 915	ED 020 394
VT 004 125	ED 021 984	VT 004 600	ED 020 350	VT 004 916	ED 022 021
VT 004 173	ED 023 804	VT 004 618	ED 020 353	VT 004 931	ED 021 062
VT 004 179	MP 000 342	VT 004 625	ED 020 355	VT 004 947	ED 026 468
VT 004 196	ED 017 682	VT 004 652	ED 022 882	VT 004 954	ED 036 606
VT 004 233	ED 016 114	VT 004 706	ED 026 465	VT 004 968	ED 020 396
VT 004 240	MP 000 350	VT 004 707	ED 020 359	VT 004 970	ED 020 397

CONVERSION OF DOCUMENT NUMBER INDEX

VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS

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VT 005 135	ED 017 739	VT 005 775	ED 022 047	VT 006 385	MP 000 531
VT 005 152	ED 020 404	VT 005 794	ED 022 905	VT 006 399	ED 031 552
VT 005 153	ED 036 607	VT 005 795	ED 022 906	VT 006 412	ED 024 796
VT 005 161	MP 000 511	VT 005 796	ED 022 907	VT 006 417	ED 024 797
VT 005 162	ED 020 405	VT 005 797	ED 022 908	VT 006 424	ED 029 949
VT 005 172	ED 028 241	VT 005 798	ED 032 382	VT 006 428	ED 029 084
VT 005 179	ED 020 408	VT 005 825	ED 022 295	VT 006 440	ED 026 496
VT 005 185	ED 020 409	VT 005 830	ED 027 376	VT 006 504	ED 022 922
VT 005 211	ED 022 024	VT 005 832	ED 028 244	VT 006 507	ED 023 859
VT 005 212	ED 022 025	VT 005 842	ED 025 603	VT 006 509	MP 000 532
VT 005 217	ED 022 895	VT 005 851	ED 021 133	VT 006 519	ED 022 055
VT 005 225	ED 020 411	VT 005 860	ED 021 134	VT 006 536	ED 028 247
VT 005 226	ED 024 774	VT 005 870	ED 021 138	VT 006 537	ED 029 085
VT 005 229	ED 022 027	VT 005 874	ED 021 139	VT 006 564	ED 027 381
VT 005 233	MP 000 512	VT 005 935	ED 021 140	VT 006 567	ED 026 487
VT 005 240	ED 020 412	VT 005 948	ED 023 839	VT 006 571	ED 022 923
VT 005 253	ED 026 473	VT 005 949	ED 025 604	VT 006 573	ED 024 798
VT 005 256	ED 020 413	VT 005 955	ED 022 912	VT 006 600	ED 032 388
VT 005 271	ED 025 597	VT 005 968	ED 026 477	VT 006 604	ED 024 799
VT 005 287	ED 025 598	VT 005 973	ED 032 383	VT 006 616	ED 026 489
VT 005 295	ED 020 417	VT 005 974	ED 032 384	VT 006 619	MP 000 533
VT 005 316	ED 029 081	VT 005 975	ED 032 385	VT 006 620	ED 028 248
VT 005 423	ED 022 897	VT 005 976	ED 032 386	VT 006 622	ED 024 800
VT 005 426	ED 020 420	VT 005 977	ED 028 245	VT 006 624	ED 023 866
VT 005 427	ED 022 898	VT 005 978	ED 029 082	VT 006 629	ED 032 389
VT 005 432	ED 022 032	VT 005 990	ED 025 605	VT 006 631	ED 025 619
VT 005 436	ED 024 778	VT 005 997	ED 026 478	VT 006 636	ED 025 620
VT 005 467	ED 022 034	VT 005 998	ED 029 246	VT 006 655	ED 027 392
VT 005 470	MP 000 515	VT 005 999	ED 026 479	VT 006 669	ED 026 490
VT 005 473	ED 019 674	VT 006 000	ED 026 480	VT 006 673	ED 025 621
VT 005 475	ED 022 035	VT 006 014	ED 032 387	VT 006 676	ED 028 249
VT 005 476	ED 022 036	VT 006 015	ED 025 606	VT 006 677	ED 025 623
VT 005 478	ED 026 476	VT 006 026	ED 022 048	VT 006 678	ED 026 491
VT 005 525	ED 021 066	VT 006 027	ED 025 607	VT 006 679	ED 025 624
VT 005 545	ED 021 067	VT 006 028	ED 022 442	VT 006 681	ED 026 492
VT 005 551	ED 021 068	VT 006 160	MP 000 527	VT 006 682	ED 025 625
VT 005 568	ED 028 242	VT 006 194	MP 000 528	VT 006 686	ED 024 802
VT 005 600	ED 022 901	VT 006 211	MP 000 529	VT 006 688	ED 026 493
VT 005 605	ED 022 902	VT 006 228	ED 022 049	VT 006 691	ED 029 086
VT 005 608	ED 024 781	VT 006 254	ED 029 947	VT 006 693	ED 026 494
VT 005 615	ED 028 243	VT 006 278	ED 022 050	VT 006 697	ED 030 708
VT 005 619	MP 000 517	VT 006 280	ED 022 913	VT 006 698	ED 024 803
VT 005 628	ED 021 069	VT 006 288	ED 029 083	VT 006 746	ED 027 383
VT 005 631	ED 021 070	VT 006 291	ED 021 150	VT 006 767	ED 025 628
VT 005 635	ED 021 071	VT 006 309	ED 021 151	VT 006 768	ED 024 804
VT 005 717	ED 020 436	VT 006 313	MP 000 530	VT 006 769	ED 024 805
VT 005 718	ED 020 437	VT 006 314	ED 022 051	VT 006 772	ED 029 087
VT 005 719	ED 020 438	VT 006 327	ED 024 790	VT 006 775	MP 000 534
VT 005 728	ED 025 601	VT 006 331	ED 034 017	VT 006 776	MP 000 535
VT 005 763	ED 021 129	VT 006 336	ED 027 378	VT 006 777	MP 000 536
VT 005 764	ED 027 374	VT 006 338	ED 025 615	VT 006 778	MP 000 537
VT 005 766	ED 024 783	VT 006 359	ED 027 379	VT 006 779	MP 000 538
VT 005 769	ED 025 602	VT 006 361	ED 027 380	VT 006 780	MP 000 539
VT 005 772	ED 022 904	VT 006 371	ED 022 916	VT 006 781	MP 000 540

CONVERSION OF DOCUMENT NUMBER INDEX

VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS

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VT 006 783	MP 000 542	VT 006 860	ED 026 497	VT 007 043	MP 000 642
VT 006 784	MP 000 543	VT 006 862	ED 023 879	VT 007 044	MP 000 643
VT 006 785	MP 000 544	VT 006 863	ED 027 384	VT 007 045	MP 000 644
VT 006 786	MP 000 545	VT 006 864	ED 028 251	VT 007 046	MP 000 645
VT 006 787	MP 000 546	VT 006 874	ED 022 927	VT 007 047	MP 000 646
VT 006 788	MP 000 547	VT 006 912	ED 022 955	VT 007 048	MP 000 647
VT 006 789	MP 000 548	VT 006 913	ED 022 956	VT 007 049	MP 000 648
VT 006 790	MP 000 549	VT 006 914	ED 022 063	VT 007 050	MP 000 649
VT 006 791	MP 000 550	VT 006 916	ED 023 387	VT 007 053	MP 000 652
VT 006 804	ED 026 495	VT 006 917	ED 022 957	VT 007 054	MP 000 653
VT 006 810	ED 028 250	VT 006 918	ED 022 958	VT 007 055	MP 000 654
VT 006 812	ED 030 709	VT 006 919	ED 022 959	VT 007 056	MP 000 655
VT 006 814	ED 022 062	VT 006 920	ED 022 960	VT 007 057	MP 000 656
VT 006 815	MP 000 551	VT 006 931	ED 022 961	VT 007 058	MP 000 657
VT 006 816	MP 000 552	VT 006 933	MP 000 591	VT 007 059	MP 000 658
VT 006 817	MP 000 553	VT 006 934	MP 000 592	VT 007 060	MP 000 659
VT 006 818	MP 000 554	VT 006 935	MP 000 593	VT 007 061	MP 000 660
VT 006 819	MP 000 555	VT 006 936	MP 000 594	VT 007 062	MP 000 661
VT 006 820	MP 000 556	VT 006 939	MP 000 597	VT 007 063	MP 000 662
VT 006 821	MP 000 557	VT 006 940	MP 000 598	VT 007 064	MP 000 663
VT 006 822	MP 000 558	VT 006 941	MP 000 599	VT 007 066	MP 000 665
VT 006 823	ED 024 806	VT 006 942	MP 000 600	VT 007 067	ED 027 385
VT 006 824	MP 000 559	VT 006 943	MP 000 601	VT 007 068	MP 000 666
VT 006 825	MP 000 560	VT 006 944	MP 000 602	VT 007 069	MP 000 667
VT 006 826	MP 000 561	VT 006 945	MP 000 603	VT 007 070	MP 000 668
VT 006 827	MP 000 562	VT 006 946	MP 000 604	VT 007 071	MP 000 669
VT 006 828	MP 000 563	VT 006 947	MP 000 605	VT 007 072	MP 000 670
VT 006 829	MP 000 564	VT 006 948	MP 000 606	VT 007 074	MP 000 671
VT 006 830	MP 000 565	VT 006 949	MP 000 607	VT 007 075	MP 000 672
VT 006 831	MP 000 566	VT 006 950	MP 000 608	VT 007 076	MP 000 673
VT 006 832	MP 000 567	VT 006 951	MP 000 609	VT 007 077	MP 000 674
VT 006 833	MP 000 568	VT 006 953	MP 000 611	VT 007 078	MP 000 675
VT 006 834	MP 000 569	VT 006 954	MP 000 612	VT 007 079	MP 000 676
VT 006 835	MP 000 570	VT 006 955	MP 000 613	VT 007 080	MP 000 677
VT 006 836	MP 000 571	VT 006 956	MP 000 614	VT 007 081	MP 000 678
VT 006 837	MP 000 572	VT 006 957	MP 000 615	VT 007 082	MP 000 679
VT 006 838	MP 000 573	VT 006 959	MP 000 617	VT 007 083	MP 000 680
VT 006 840	MP 000 574	VT 006 960	MP 000 618	VT 007 084	MP 000 681
VT 006 841	MP 000 575	VT 006 962	MP 000 620	VT 007 086	MP 000 683
VT 006 842	MP 000 576	VT 006 965	MP 000 623	VT 007 088	MP 000 685
VT 006 845	MP 000 579	VT 006 966	MP 000 624	VT 007 089	MP 000 686
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VT 006 847	MP 000 581	VT 006 968	MP 000 626	VT 007 092	MP 000 689
VT 006 848	MP 000 582	VT 006 969	MP 000 627	VT 007 093	MP 000 690
VT 006 849	MP 000 583	VT 006 971	MP 000 629	VT 007 094	MP 000 691
VT 006 850	MP 000 584	VT 006 972	MP 000 630	VT 007 095	MP 000 692
VT 006 851	MP 000 585	VT 006 999	ED 022 964	VT 007 096	MP 000 693
VT 006 852	MP 000 586	VT 007 003	ED 028 307	VT 007 098	MP 000 695
VT 006 853	MP 000 587	VT 007 014	ED 023 889	VT 007 099	MP 000 696
VT 006 854	MP 000 588	VT 007 032	MP 000 631	VT 007 101	MP 000 698
VT 006 855	MP 000 589	VT 007 033	MP 000 632	VT 007 103	MP 000 700
VT 006 856	MP 000 590	VT 007 038	MP 000 637	VT 007 104	MP 000 701
VT 006 857	ED 025 629	VT 007 040	MP 000 639	VT 007 106	MP 000 703
VT 006 858	ED 023 878	VT 007 041	MP 000 640	VT 007 109	MP 000 706

CONVERSION OF DOCUMENT NUMBER INDEX

VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS

VT 007 110	MP 000 707	VT 007 419	ED 025 639	VT 007 619	ED 024 832
VT 007 114	ED 029 950	VT 007 422	ED 024 815	VT 007 620	ED 024 833
VT 007 118	ED 025 630	VT 007 432	ED 028 255	VT 007 621	ED 024 834
VT 007 136	ED 026 498	VT 007 435	ED 031 553	VT 007 622	ED 024 835
VT 007 138	ED 024 807	VT 007 450	ED 024 817	VT 007 623	ED 024 836
VT 007 146	ED 025 631	VT 007 451	ED 024 818	VT 007 624	ED 024 837
VT 007 160	ED 023 899	VT 007 452	ED 024 819	VT 007 625	ED 025 663
VT 007 165	ED 023 901	VT 007 453	ED 029 093	VT 007 626	ED 024 838
VT 007 171	ED 026 499	VT 007 454	ED 025 640	VT 007 627	ED 027 395
VT 007 180	ED 022 969	VT 007 455	ED 024 820	VT 007 628	ED 024 839
VT 007 181	ED 023 903	VT 007 456	ED 024 821	VT 007 629	ED 025 664
VT 007 184	ED 029 089	VT 007 457	ED 025 641	VT 007 630	ED 024 840
VT 007 185	ED 023 904	VT 007 458	ED 025 642	VT 007 631	ED 027 396
VT 007 199	ED 023 906	VT 007 460	ED 024 823	VT 007 632	ED 025 665
VT 007 202	ED 024 808	VT 007 461	ED 027 392	VT 007 636	ED 029 096
VT 007 205	ED 030 710	VT 007 465	ED 025 643	VT 007 638	ED 025 669
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VT 007 286	ED 027 387	VT 007 503	ED 028 257	VT 007 733	ED 030 711
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VT 007 307	ED 026 503	VT 007 513	ED 027 394	VT 007 744	ED 028 262
VT 007 316	ED 036 609	VT 007 530	ED 024 827	VT 007 745	ED 027 404
VT 007 317	ED 028 252	VT 007 532	ED 029 952	VT 007 752	ED 025 678
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VT 007 320	ED 029 091	VT 007 544	ED 025 653	VT 007 754	ED 026 528
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VT 007 327	ED 029 092	VT 007 550	ED 024 828	VT 007 756	ED 026 529
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VT 007 362	ED 027 390	VT 007 571	ED 025 656	VT 007 764	ED 028 263
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VT 007 373	ED 023 929	VT 007 579	ED 026 521	VT 007 770	ED 029 100
VT 007 378	ED 023 934	VT 007 580	ED 024 830	VT 007 771	ED 027 408
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VT 007 381	ED 025 636	VT 007 585	ED 032 391	VT 007 774	ED 026 530
VT 007 382	ED 025 637	VT 007 589	ED 025 659	VT 007 781	ED 026 532
VT 007 383	ED 027 391	VT 007 611	ED 025 661	VT 007 784	ED 027 409
VT 007 389	ED 025 638	VT 007 612	ED 026 522	VT 007 787	ED 029 102
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CONVERSION OF DOCUMENT NUMBER INDEX

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VT 007 825	ED 026 537	VT 008 077	ED 029 117	VT 008 543	ED 036 615
VT 007 826	ED 027 411	VT 008 080	ED 029 118	VT 008 556	ED 032 396
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VT 007 836	ED 026 539	VT 008 097	ED 028 291	VT 008 573	ED 029 980
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VT 007 841	ED 027 413	VT 008 100	ED 027 438	VT 008 586	ED 029 983
VT 007 842	ED 027 414	VT 008 101	ED 027 439	VT 008 589	ED 029 984
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VT 007 870	ED 027 416	VT 008 125	ED 029 962	VT 008 597	ED 029 987
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VT 007 872	ED 029 107	VT 008 133	ED 033 192	VT 008 598	ED 029 988
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VT 007 874	ED 027 418	VT 008 165	ED 027 634	VT 008 621	ED 029 991
VT 007 875	ED 027 419	VT 008 178	ED 031 561	VT 008 629	ED 029 992
VT 007 876	ED 027 420	VT 008 181	ED 029 963	VT 008 639	ED 030 728
VT 007 877	ED 028 267	VT 008 188	ED 029 125	VT 008 652	ED 029 995
VT 007 880	ED 028 269	VT 008 189	ED 028 299	VT 008 653	ED 030 730
VT 007 884	ED 029 957	VT 008 190	ED 028 300	VT 008 661	ED 029 996
VT 007 885	ED 028 270	VT 008 201	ED 029 127	VT 008 695	ED 029 997
VT 007 886	ED 029 958	VT 008 220	ED 029 128	VT 008 698	ED 030 732
VT 007 894	ED 029 108	VT 008 221	ED 029 129	VT 008 699	ED 030 733
VT 007 895	ED 029 959	VT 008 246	ED 030 715	VT 008 701	ED 029 998
VT 007 896	ED 033 189	VT 008 272	ED 029 132	VT 008 712	ED 029 999
VT 007 900	ED 028 271	VT 008 274	ED 029 133	VT 008 714	ED 030 734
VT 007 902	ED 028 272	VT 008 277	ED 028 303	VT 008 722	ED 030 735
VT 007 903	ED 028 273	VT 008 278	ED 028 304	VT 008 742	ED 030 739
VT 007 904	ED 028 274	VT 008 300	ED 029 135	VT 008 747	ED 030 740
VT 007 916	ED 029 109	VT 008 318	ED 029 137	VT 008 749	ED 030 741
VT 007 918	ED 026 543	VT 008 363	ED 029 965	VT 008 760	ED 030 742
VT 007 923	ED 027 424	VT 008 364	ED 029 966	VT 008 775	ED 032 404
VT 007 950	ED 027 427	VT 008 366	ED 029 967	VT 008 786	ED 031 571
VT 007 952	ED 027 428	VT 008 373	ED 029 139	VT 008 793	ED 031 573
VT 007 953	ED 027 429	VT 008 386	ED 029 140	VT 008 799	ED 033 198
VT 007 963	ED 029 110	VT 008 389	ED 029 141	VT 008 802	FD 030 002
VT 007 964	ED 030 713	VT 008 390	ED 029 142	VT 008 814	ED 034 020
VT 007 966	ED 027 430	VT 008 391	ED 029 143	VT 008 818	ED 030 748
VT 007 970	ED 027 431	VT 008 392	ED 029 144	VT 008 829	ED 030 749
VT 007 989	ED 028 278	VT 008 394	ED 029 145	VT 008 834	ED 030 754
VT 007 992	ED 028 279	VT 008 395	ED 029 146	VT 008 836	ED 036 617
VT 007 993	ED 027 434	VT 008 400	ED 029 968	VT 008 846	ED 031 575
VT 007 998	ED 028 280	VT 008 431	ED 031 563	VT 008 848	ED 031 576
VT 008 001	ED 029 111	VT 008 432	ED 029 969	VT 008 859	ED 030 755
VT 008 015	ED 027 435	VT 008 447	ED 029 971	VT 008 866	ED 032 408
VT 008 024	ED 028 281	VT 008 451	ED 028 306	VT 008 888	ED 030 758
VT 008 027	ED 029 113	VT 008 455	ED 029 972	VT 008 897	ED 032 409
VT 008 040	ED 033 190	VT 008 457	ED 029 973	VT 008 907	ED 034 021
VT 008 050	ED 029 115	VT 008 459	ED 029 150	VT 008 924	ED 032 411
VT 008 054	ED 027 436	VT 008 487	ED 029 153	VT 008 950	ED 031 582
VT 008 055	ED 028 283	VT 008 507	ED 029 154	VT 008 991	ED 031 584

CONVERSION OF DOCUMENT NUMBER INDEX

VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS

VT 009 005	ED 030 771	VT 009 696	ED 034 059	VT 010 099	ED 034 895
VT 009 006	ED 031 586	VT 009 748	ED 034 060	VT 010 100	ED 034 896
VT 009 007	ED 031 587	VT 009 750	ED 034 844	VT 010 101	ED 034 897
VT 009 032	ED 032 416	VT 009 751	ED 034 845	VT 010 109	ED 034 898
VT 009 033	ED 031 590	VT 009 752	ED 034 061	VT 010 119	ED 035 743
VT 009 054	ED 031 591	VT 009 753	ED 034 062	VT 010 131	ED 035 744
VT 009 056	ED 031 592	VT 009 759	ED 035 717	VT 010 149	ED 032 576
VT 009 085	ED 032 417	VT 009 764	ED 035 718	VT 010 153	ED 034 900
VT 009 088	ED 031 597	VT 009 767	ED 034 846	VT 010 156	ED 035 754
VT 009 089	ED 032 418	VT 009 780	ED034 848	VT 010 165	ED 035 757
VT 009 155	ED 031 598	VT 009 784	ED 034 849	VT 010 180	ED 036 629
VT 009 157	ED 031 599	VT 009 785	ED 034 065	VT 010 189	ED 035 759
VT 009 168	ED 033 206	VT 009 786	ED 034 850	VT 010 191	ED 036 630
VT 009 171	ED 033 207	VT 009 787	ED 034 851	VT 010 204	ED 035 760
VT 009 183	ED 033 208	VT 009 791	ED 034 068	VT 010 230	ED 035 762
VT 009 189	ED 034 022	VT 009 792	ED 034 852	VT 010 237	ED 035 763
VT 009 199	ED 033 210	VT 009 795	ED 034 853	VT 010 247	ED 035 766
VT 009 237	ED 032 422	VT 009 796	ED 034 072	VT 010 248	ED 035 767
VT 009 241	ED 032 423	VT 009 798	ED 035 719	VT 010 274	ED 036 632
VT 009 244	ED 033 211	VT 009 802	ED 034 854	VT 010 275	ED 035 768
VT 009 245	ED 033 212	VT 009 805	ED 035 720	VT 010 281	ED 035 770
VT 009 254	ED 033 214	VT 009 806	ED 034 855	VT 010 295	ED 036 635
VT 009 260	ED 034 023	VT 009 808	ED 035 721	VT 010 296	ED 035 772
VT 009 262	ED 032 425	VT 009 816	ED 034 857	VT 010 303	ED 036 637
VT 009 352	ED 033 217	VT 009 819	ED 035 722	VT 010 304	ED 036 638
VT 009 395	ED 032 282	VT 009 820	ED 034 858	VT 010 306	ED 036 639
VT 009 409	ED 034 025	VT 009 839	ED 034 863	VT 010 316	ED 036 640
VT 009 475	ED 033 226	VT 009 842	ED 035 724	VT 010 317	ED 036 641
VT 009 487	ED 033 228	VT 009 843	ED 034 864	VT 010 322	ED 036 642
VT 009 488	ED 033 229	VT 009 845	ED 034 865	VT 010 324	ED 036 643
VT 009 491	ED 033 232	VT 009 853	ED 035 725	VT 010 328	ED 036 644
VT 009 503	ED 032 435	VT 009 855	ED 036 620	VT 010 358	ED 035 774
VT 009 511	ED 032 436	VT 009 864	ED 036 621	VT 010 370	ED 036 645
VT 009 519	ED 034 026	VT 009 887	ED 035 726	VT 010 401	ED 036 649
VT 009 526	ED 033 234	VT 009 902	ED 034 870	VT 010 403	ED 036 651
VT 009 542	ED 034 029	VT 009 909	ED 034 871	VT 010 503	ED 036 658
VT 009 544	ED 036 619	VT 009 910	ED 034 872		
VT 009 546	ED 033 235	VT 009 928	ED 034 876		
VT 009 562	ED 033 236	VT 009 932	ED 032 695		
VT 009 563	ED 033 237	VT 009 934	ED 034 878		
VT 009 564	ED 033 238	VT 009 936	ED 035 732		
VT 009 587	ED 034 036	VT 009 944	ED 036 623		
VT 009 614	ED 034 039	VT 009 979	ED 034 882		
VT 009 622	ED 033 247	VT 009 980	ED 034 883		
VT 009 623	ED 034 040	VT 009 987	ED 036 625		
VT 009 627	ED 034 041	VT 009 993	ED 034 888		
VT 009 641	ED 034 042	VT 010 058	ED 035 737		
VT 009 646	ED 034 043	VT 010 065	ED 035 738		
VT 009 649	ED 034 044	VT 010 066	ED 035 739		
VT 009 650	ED 034 843	VT 010 086	ED 035 741		
VT 009 654	ED 034 045	VT 010 093	ED 034 889		
VT 009 664	ED 034 046	VT 010 094	ED 034 890		
VT 009 670	ED 034 047	VT 010 096	ED 034 892		
VT 009 690	ED 034 055	VT 010 097	ED 034 893		
VT 009 691	ED 034 056	VT 010 098	ED 034 894		

CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

MP 000 206	VT 003 668	MP 000 553	VT 006 817	MP 000 613	VT 006 955
MP 000 223	VT 003 754	MP 000 554	VT 006 818	MP 000 614	VT 006 956
MP 000 224	VT 003 755	MP 000 555	VT 006 819	MP 000 615	VT 006 957
MP 000 225	VT 003 756	MP 000 556	VT 006 820	MP 000 617	VT 006 959
MP 000 226	VT 003 757	MP 000 557	VT 006 821	MP 000 618	VT 006 960
MP 000 235	VT 003 814	MP 000 558	VT 006 822	MP 000 620	VT 006 962
MP 000 238	VT 003 817	MP 000 559	VT 006 824	MP 000 623	VT 006 965
MP 000 254	VT 003 842	MP 000 560	VT 006 825	MP 000 624	VT 006 966
MP 000 255	VT 003 843	MP 000 561	VT 006 826	MP 000 625	VT 006 967
MP 000 257	VT 003 845	MP 000 562	VT 006 827	MP 000 626	VT 006 968
MP 000 261	VT 003 849	MP 000 563	VT 006 828	MP 000 627	VT 006 969
MP 000 272	VT 003 860	MP 000 564	VT 006 829	MP 000 629	VT 006 971
MP 000 282	VT 003 873	MP 000 565	VT 006 830	MP 000 630	VT 006 972
MP 000 284	VT 003 875	MP 000 566	VT 006 831	MP 000 631	VT 007 032
MP 000 285	VT 003 876	MP 000 567	VT 006 832	MP 000 632	VT 007 033
MP 000 292	VT 003 883	MP 000 568	VT 006 833	MP 000 637	VT 007 038
MP 000 342	VT 004 179	MP 000 569	VT 006 834	MP 000 639	VT 007 040
MP 000 350	VT 004 240	MP 000 570	VT 006 835	MP 000 640	VT 007 041
MP 000 357	VT 004 247	MP 000 571	VT 006 836	MP 000 641	VT 007 042
MP 000 360	VT 004 251	MP 000 572	VT 006 837	MP 000 642	VT 007 043
MP 000 378	VT 004 322	MP 000 573	VT 006 838	MP 000 643	VT 007 044
MP 000 379	VT 004 323	MP 000 574	VT 006 840	MP 000 644	VT 007 045
MP 000 505	VT 002 469	MP 000 575	VT 006 841	MP 000 645	VT 007 046
MP 000 508	VT 003 435	MP 000 576	VT 006 842	MP 000 646	VT 007 047
MP 000 510	VT 004 563	MP 000 579	VT 006 845	MP 000 647	VT 007 048
MP 000 511	VT 005 161	MP 000 580	VT 006 846	MP 000 648	VT 007 049
MP 000 512	VT 005 233	MP 000 581	VT 006 847	MP 000 649	VT 007 050
MP 000 515	VT 005 470	MP 000 582	VT 006 848	MP 000 652	VT 007 053
MP 000 517	VT 005 619	MP 000 583	VT 006 849	MP 000 653	VT 007 054
MP 000 527	VT 006 160	MP 000 584	VT 006 850	MP 000 654	VT 007 055
MP 000 528	VT 006 194	MP 000 585	VT 006 851	MP 000 655	VT 007 056
MP 000 529	VT 006 211	MP 000 586	VT 006 852	MP 000 656	VT 007 057
MP 000 530	VT 006 313	MP 000 587	VT 006 853	MP 000 657	VT 007 058
MP 000 531	VT 006 385	MP 000 588	VT 006 854	MP 000 658	VT 007 059
MP 000 532	VT 006 509	MP 000 589	VT 006 855	MP 000 659	VT 007 060
MP 000 533	VT 006 619	MP 000 590	VT 006 856	MP 000 660	VT 007 061
MP 000 534	VT 006 775	MP 000 591	VT 006 933	MP 000 661	VT 007 062
MP 000 535	VT 006 776	MP 000 592	VT 006 934	MP 000 662	VT 007 063
MP 000 536	VT 006 777	MP 000 593	VT 006 935	MP 000 663	VT 007 064
MP 000 537	VT 006 778	MP 000 594	VT 006 936	MP 000 665	VT 007 066
MP 000 538	VT 006 779	MP 000 597	VT 006 939	MP 000 666	VT 007 068
MP 000 539	VT 006 780	MP 000 598	VT 006 940	MP 000 667	VT 007 069
MP 000 540	VT 006 781	MP 000 599	VT 006 941	MP 000 668	VT 007 070
MP 000 541	VT 006 782	MP 000 600	VT 006 942	MP 000 669	VT 007 071
MP 000 542	VT 006 783	MP 000 601	VT 006 943	MP 000 670	VT 007 072
MP 000 543	VT 006 784	MP 000 602	VT 006 944	MP 000 671	VT 007 074
MP 000 544	VT 006 785	MP 000 603	VT 006 945	MP 000 672	VT 007 075
MP 000 545	VT 006 786	MP 000 604	VT 006 946	MP 000 673	VT 007 076
MP 000 546	VT 006 787	MP 000 605	VT 006 947	MP 000 674	VT 007 077
MP 000 547	VT 006 788	MP 000 606	VT 006 948	MP 000 675	VT 007 078
MP 000 548	VT 006 789	MP 000 607	VT 006 949	MP 000 676	VT 007 079
MP 000 549	VT 006 790	MP 000 608	VT 006 950	MP 000 677	VT 007 080
MP 000 550	VT 006 791	MP 000 609	VT 006 951	MP 000 678	VT 007 081
MP 000 551	VT 006 815	MP 000 611	VT 006 953	MP 000 679	VT 007 082
MP 000 552	VT 006 816	MP 000 612	VT 006 954	MP 000 680	VT 007 083

CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

MP 000 681	VT 007 084	ED 015 292	VT 003 852	ED 018 674	VT 005 473
MP 000 683	VT 007 086	ED 015 295	VT 003 857	ED 018606	VT 001 718
MP 000 685	VT 007 088	ED 015 296	VT 003 868	ED 019 394	VT 000 529
MP 000 686	VT 007 089	ED 015 316	VT 004 094	ED 019 399	VT 001 373
MP 000 688	VT 007 091	ED 015 329	VT 004 319	ED 019 401	VT 001 795
MP 000 689	VT 007 092	ED 016 060	VT 002 301	ED 019 402	VT 001 797
MP 000 690	VT 007 093	ED 016 066	VT 002 549	ED 019 406	VT 001 819
MP 000 691	VT 007 094	ED 016 085	VT 003 684	ED 019 407	VT 001 820
MP 000 692	VT 007 095	ED 016 087	VT 003 693	ED 019 408	VT 001 822
MP 000 693	VT 007 096	ED 016 088	VT 003 697	ED 019 409	VT 001 827
MP 000 695	VT 007 098	ED 016 089	VT 003 800	ED. 019 410	VT 001 835
MP 000 696	VT 007 099	ED 016 091	VT 003 835	ED 019 414	VT 001 891
MP 000 698	VT 007 101	ED 016 093	VT 003 882	ED 019 422	VT 001 949
MP 000 700	VT 007 103	ED 016 114	VT 004 233	ED 019 423	VT 001 959
MP 000 701	VT 007 104	ED 016 123	VT 004 249	ED 019 424	VT 001 964
MP 000 703	VT 007 106	ED 016 771	VT 001 126	ED 019 428	VT 002 064
MP 000 706	VT 007 109	ED 016 789	VT 002 564	ED 019 430	VT 002 103
MP 000 707	VT 007 110	ED 016 796	VT 002 877	ED 019 431	VT 002 132
MP 000 708	VT 007 208	ED 016 801	VT 002 886	ED 019 432	VT 002 213
MP 000 709	VT 007 209	ED 016 806	VT 003 291	ED 019 436	VT 002 309
MP 006 220	VT 003 746	ED 016 808	VT 003 293	ED 019 439	VT 002 340
ED 008 074	VT 008 074	ED 016 819	VT 003 523	ED 019 441	VT 002 383
ED 013 935	VT 002 768	ED 016 820	VT 003 538	ED 019 443	VT 002 403
ED 014 568	VT 003 314	ED 016 821	VT 003 577	ED 019 444	VT 002 405
ED 014 570	VT 003 505	ED 016 827	VT 003 748	ED 019 446	VT 002 417
ED 014 575	VT 003 652	ED 017 666	VT 002 898	ED 019 449	VT 002 456
ED 014 582	VT 003 669	ED 017 668	VT 002 909	ED 019 450	VT 002 457
ED 014 588	VT 003 751	ED 017 672	VT 002 916	ED 019 451	VT 002 459
ED 014 589	VT 003 752	ED 017 674	VT 002 920	ED 019 452	VT 002 460
ED 014 590	VT 003 753	ED 017 680	VT 004 026	ED 019 453	VT 002 496
ED 014 591	VT 003 758	ED 017 682	VT 004 196	ED 019 455	VT 002 553
ED 014 597	VT 003 833	ED 017 709	VT 004 509	ED 019 456	VT 002 557
ED 014 598	VT 003 834	ED 017 739	VT 005 135	ED 019 459	VT 002 623
ED 014 599	VT 003 836	ED 018 548	VT 000 774	ED 019 462	VT 002 854
ED 014 600	VT 003 837	ED 018 585	VT 001 512	ED 019 463	VT 002 855
ED 014 601	VT 003 838	ED 018 590	VT 001 553	ED 019 468	VT 003 613
ED 014 602	VT 003 839	ED 018 605	VT 001 696	ED 019 478	VT 004 782
ED 014 603	VT 003 840	ED 018 611	VT 002 947	ED 019 479	VT 004 783
ED 014 604	VT 003 844	ED 018 614	VT 003 221	ED 019 480	VT 004 784
ED 014 609	VT 003 862	ED 018 618	VT 003 245	ED 019 481	VT 004 785
ED 014 610	VT 003 863	ED 018 621	VT 003 280	ED 019 482	VT 004 786
ED 015 250	VT 001 722	ED 018 623	VT 003 287	ED 019 483	VT 004 787
ED 015 269	VT 003 496	ED 018 624	VT 003 288	ED 019 486	VT 004 876
ED 015 272	VT 003 620	ED 018 625	VT 003 289	ED 019 487	VT 004 877
ED 015 274	VT 003 648	ED 018 626	VT 003 290	ED 019 488	VT 004 878
ED 015 275	VT 003 649	ED 018 628	VT 003 312	ED 019 489	VT 004 879
ED 015 276	VT 003 650	ED 018 631	VT 003 554	ED 019 490	VT 004 880
ED 015 279	VT 003 719	ED 018 634	VT 003 584	ED 019 491	VT 004 881
ED 015 280	VT 003 745	ED 018 639	VT 003 685	ED 020 300	VT 001 086
ED 015 282	VT 003 760	ED 018 640	VT 003 691	ED 020 303	VT 002 135
ED 015 284	VT 003 801	ED 018 641	VT 003 773	ED 020 304	VT 002 188
ED 015 285	VT 003 802	ED 018 642	VT 003 782	ED 020 305	VT 002 189
ED 015 288	VT 003 841	ED 018 643	VT 003 812	ED 020 306	VT 002 190
ED 015 289	VT 003 846	ED 018 644	VT 003 826	ED 020 307	VT 002 191
ED 015 291	VT 003 850	ED 018 651	VT 004 408	ED 020 308	VT 002 192

CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

ED 020 309	VT 002 193	ED 020 408	VT 005 178	ED 022 004	VT 004 519
ED 020 310	VT 002 194	ED 020 409	VT 005 185	ED 022 006	VT 004 521
ED 020 312	VT 002 539	ED 020 411	VT 005 225	ED 022 007	VT 004 526
ED 020 313	VT 002 543	ED 020 412	VT 005 240	ED 022 008	VT 004 570
ED 020 314	VT 002 676	ED 020 413	VT 005 256	ED 022 009	VT 004 572
ED 020 315	VT 002 692	ED 020 417	VT 005 295	ED 022 012	VT 004 714
ED 020 316	VT 002 700	ED 020 420	VT 005 426	ED 022 013	VT 004 746
ED 020 318	VT 002 721	ED 020 436	VT 005 717	ED 022 016	VT 004 792
ED 020 319	VT 002 839	ED 020 437	VT 005 718	ED 022 017	VT 004 799
ED 020 322	VT 003 893	ED 020 438	VT 005 719	ED 022 019	VT 004 906
ED 020 325	VT 004 372	ED 021 041	VT 002 727	ED 022 020	VT 004 907
ED 020 327	VT 004 420	ED 021 044	VT 002 823	ED 022 021	VT 004 916
ED 020 329	VT 004 503	ED 021 047	VT 003 372	ED 022 024	VT 005 211
ED 020 331	VT 004 535	ED 021 050	VT 003 700	ED 022 025	VT 005 212
ED 020 332	VT 004 536	ED 021 055	VT 004 358	ED 022 027	VT 005 229
ED 020 333	VT 004 538	ED 021 058	VT 004 817	ED 022 032	VT 005 432
ED 020 334	VT 004 539	ED 021 059	VT 004 914	ED 022 034	VT 005 467
ED 020 336	VT 004 544	ED 021 062	VT 004 931	ED 022 035	VT 005 475
ED 020 337	VT 004 545	ED 021 066	VT 005 525	ED 022 036	VT 005 476
ED 020 338	VT 004 546	ED 021 067	VT 005 545	ED 022 047	VT 005 775
ED 020 343	VT 004 555	ED 021 068	VT 005 551	ED 022 048	VT 006 026
ED 020 344	VT 004 583	ED 021 069	VT 005 628	ED 022 049	VT 006 228
ED 020 345	VT 004 584	ED 021 070	VT 005 631	ED 022 050	VT 006 278
ED 020 346	VT 004 585	ED 021 071	VT 005 635	ED 022 051	VT 006 314
ED 020 347	VT 004 586	ED 021 129	VT 005 763	ED 022 055	VT 006 519
ED 020 350	VT 004 600	ED 021 133	VT 005 851	ED 022 062	VT 006 814
ED 020 353	VT 004 618	ED 021 134	VT 005 860	ED 022 063	VT 006 914
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ED 020 359	VT 004 707	ED 021 139	VT 005 874	ED 022 442	VT 006 028
ED 020 360	VT 004 712	ED 021 140	VT 005 935	ED 022 838	VT 000 458
ED 020 361	VT 004 718	ED 021 150	VT 006 291	ED 022 841	VT 001 409
ED 020 363	VT 004 720	ED 021 151	VT 006 309	ED 022 850	VT 002 794
ED 020 364	VT 004 722	ED 021 950	VT 000 535	ED 022 851	VT 003 219
ED 020 365	VT 004 723	ED 021 962	VT 001 572	ED 022 852	VT 003 619
ED 020 366	VT 004 724	ED 021 964	VT 002 123	ED 022 853	VT 003 640
ED 020 369	VT 004 727	ED 021 969	VT 002 609	ED 022 854	VT 003 808
ED 020 370	VT 004 728	ED 021 972	VT 003 229	ED 022 857	VT 003 961
ED 020 379	VT 004 745	ED 021 973	VT 003 362	ED 022 865	VT 004 275
ED 020 383	VT 004 790	ED 021 974	VT 003 409	ED 022 866	VT 004 342
ED 020 384	VT 004 819	ED 021 977	VT 003 583	ED 022 867	VT 004 351
ED 020 385	VT 004 820	ED 021 978	VT 003 903	ED 022 871	VT 004 562
ED 020 386	VT 004 865	ED 021 980	VT 004 019	ED 022 875	VT 004 575
ED 020 387	VT 007 869	ED 021 983	VT 004 124	ED 022 876	VT 004 576
ED 020 388	VT 004 870	ED 021 984	VT 004 125	ED 022 882	VT 004 652
ED 020 389	VT 004 871	ED 021 987	VT 004 267	ED 022 886	VT 004 866
ED 020 390	VT 007 872	ED 021 992	VT 004 341	ED 022 887	VT 004 867
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ED 020 393	VT 004 875	ED 021 995	VT 004 359	ED 022 898	VT 005 427
ED 020 394	VT 004 915	ED 021 996	VT 004 360	ED 022 901	VT 005 600
ED 020 396	VT 004 968	ED 021 997	VT 004 371	ED 022 902	VT 005 605
ED 020 397	VT 004 970	ED 021 998	VT 004 375	ED 022 904	VT 005 772
ED 020 398	VT 004 978	ED 021 999	VT 004 392	ED 022 905	VT 005 794
ED 020 404	VT 005 152	ED 022 002	VT 004 508	ED 022 906	VT 005 795
ED 020 405	VT 005 162	ED 022 003	VT 004 510	ED 022 907	VT 005 796

CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

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ED 022 913	VT 006 280	ED 024 781	VT 005 608	ED 025 620	VT 006 636
ED 022 916	VT 006 371	ED 024 783	VT 005 766	ED 025 621	VT 006 673
ED 022 922	VT 006 504	ED 024 790	VT 006 327	ED 025 623	VT 006 677
ED 022 923	VT 006 571	ED 024 796	VT 006 412	ED 025 624	VT 006 679
ED 022 927	VT 006 874	ED 024 797	VT 006 417	ED 025 625	VT 006 682
ED 022 955	VT 006 912	ED 024 798	VT 006 573	ED 025 628	VT 006 767
ED 022 956	VT 006 913	ED 024 799	VT 006 604	ED 025 629	VT 006 857
ED 022 957	VT 006 917	ED 024 800	VT 006 622	ED 025 630	VT 007 118
ED 022 958	VT 006 918	ED 024 802	VT 006 686	ED 025 631	VT 007 146
ED 022 959	VT 006 919	ED 024 803	VT 006 698	ED 025 633	VT 007 266
ED 022 960	VT 006 920	ED 024 804	VT 006 768	ED 025 634	VT 007 322
ED 022 961	VT 006 931	ED 024 805	VT 006 769	ED 025 635	VT 007 343
ED 022 964	VT 006 999	ED 024 806	VT 006 823	ED 025 636	VT 007 381
ED 022 969	VT 007 180	ED 024 807	VT 007 138	ED 025 637	VT 007 382
ED 023 790	VT 002 511	ED 024 808	VT 007 202	ED 025 638	VT 007 389
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ED 023 802	VT 003 960	ED 024 810	VT 007 239	ED 025 640	VT 007 454
ED 023 803	VT 003 962	ED 024 811	VT 007 332	ED 025 641	VT 007 457
ED 023 804	VT 004 173	ED 024 812	VT 007 348	ED 025 642	VT 007 458
ED 023 817	VT 004 868	ED 024 813	VT 007 365	ED 025 643	VT 007 465
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ED 024 752	VT 001 395	ED 025 597	VT 005 271	ED 026 460	VT 003 641
ED 024 753	VT 001 396	ED 025 598	VT 005 287	ED 026 465	VT 004 706
ED 024 754	VT 001 397	ED 025 601	VT 005 728	ED 026 468	VT 004 947
ED 024 756	VT 001 521	ED 025 602	VT 005 769	ED 026 473	VT 005 253
ED 024 758	VT 002 091	ED 025 603	VT 005 842	ED 026 476	VT 005 478
ED 024 764	VT 004 798	ED 025 604	VT 005 949	ED 026 477	VT 005 968
ED 024 765	VT 004 800	ED 025 605	VT 005 990	ED 026 478	VT 005 997
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CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

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ED 026 492	VT 006 681	ED 027 395	VT 007 627	ED 028 258	VT 007 565
ED 026 493	VT 006 689	ED 027 396	VT 007 631	ED 028 260	VT 007 727
ED 026 494	VT 006 693	ED 027 398	VT 007 684	ED 028 261	VT 007 741
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ED 026 501	VT 007 221	ED 027 407	VT 007 767	ED 028 267	VT 007 877
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ED 027 373	VT 004 556	ED 028 239	VT 004 044	ED 029 086	VT 006 691
ED 027 374	VT 005 764	ED 028 240	VT 004 789	ED 029 087	VT 006 772
ED 027 376	VT 005 830	ED 028 241	VT 005 172	ED 029 088	VT 006 859
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CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

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ED 029 117	VT 008 077	ED 029 988	VT 008 598	ED 031 599	VT 009 157
ED 029 118	VT 008 080	ED 029 991	VT 008 621	ED 032 282	VT 009 395
ED 029 119	VT 008 098	ED 029 992	VT 008 629	ED 032 380	VT 002 555
ED 029 120	VT 008 126	ED 029 995	VT 008 652	ED 032 382	VT 005 798
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CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

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ED 034 870	VT 009 902	ED 036 619	VT 009 544		

PUBLICATIONS OF
THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION

RESEARCH SERIES

no.	name of publication	cost	ERIC system*
1	A National Survey of Vocational Education Programs for Students with Special Needs. April 1967. 89 + 14 p.	o	ED 011 041 Aug. '67 RIE
2	The Demand for and Selected Sources of Teachers in Vocational and Technical Education:, State Director Survey. January 1967. 31 + 51 p.	o	ED 012 331 Dec. '67 RIE
3	Research and Development Priorities in Technical Education. May 1967, A Report of a National Research Planning Conference in Technical Education, January 10-11, 1967. 34 p.	o	ED 013 888 Mar. '68 RIE
4	Review and Synthesis of Research in Agricultural Education. August 1966. 140 p.	1.50	ED 011 562 Oct. '67 RIE
5	Review and Synthesis of Research in Business and Office Occupations Education. August 1966. 128 p.	o	ED 011 566 Oct. '67 RIE
6	Review and Synthesis of Research in Distributive Education. August 1966. 212 p.	o	ED 011 565 Oct. '67 RIE
7	Review and Synthesis of Research in Home Economics Education. August 1966. 104 p.	o	ED 011 563 Oct. '67 RIE
8	Review and Synthesis of Research in Industrial Arts Education. August 1966. 88 p.	o	ED 011 564 Oct. '67 RIE
9	Review and Synthesis of Research in Technical Education. August 1966. 69 p.	1.50	ED 011 559 Oct. '67 RIE
10	Review and Synthesis of Research in Trade and Industrial Education. August 1966. 76 p.	o	ED 011 560 Oct. '67 RIE
11	The Emerging Role of State Education Departments with Specific Implications for Divisions of Vocational-Technical Education. (National Conference on State Dept. Leadership in Vocational Education, February 27-March 2, 1967) 1967. 395 p.	o	ED 016 870 July '68 RIE
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